THE GENTLEMAN'S Recreation:

In Four Parts,

Viz.

HUNTING, HAWKING, } { FOWLING, FISHING.

Wherein these Generous Exercises are largely treated of, and the Terms of Art for *Hunting* and *Hawking* more amply enlarged than heretofore.

Whereto is prefixt a large Sculpture, giving easie Directions for blowing the Horn, and other Sculptures inserted proper to each Recreation.

With an Abstract at the end of each Subject of such Laws as relate to the same.

Collected at first from Antient and Modern Authors, and now in this Second Edition Corrected and very much Enlarged by several eminent and skilful Persons, Lovers of these Sports.

LONDON:

Printed by *J. C.* for *N. C.* and are to be sold by *Tho: Fabian* at the Bible in *Paul's Church-yard*, the Corner-Shop next *Cheap-side*, 1677.

To the Right Honourable

JAMES

Lord NORREYES

Baron of *Rycot*,

His Majeſties Lord-Lieutenant

OF

OXFORD-SHIRE.

IF to admire Worth and Honour were a Crime, it would highly concern me to beg your Lordſhips pardon for the preſumption of this Addreſs. For that's the Cauſe,

A this

this the Effect. It is true, the obſcurity of my Condition, and remoteneſs of my Situation, have plac'd me out of the reach of your Lordſhips Knowledge; yet your Lordſhips Fame Ecchoing out of *Oxford-ſhire* through all the very Corners of the Kingdom, could hardly eſcape my Ears, were I not particularly entitled to the ſame County, which hath given me thereby the greater opportunity both to know, and admire the greatneſs of your Generoſity, the Magnificence of your Living, and Prudence of your Go-

Governing, accompanied with all other qualifications and endowments requiſite to render any perſon both Great and Good: As alſo, that though your Lordſhip is a great improver of your own natural parts by your elaborate ſtudies, and of others Knowledge by your Edifying Converſation; yet to obviate Idleneſs, and to antidote Sickneſs, as alſo the better to enapt your active Body to ſuit your Loyal Minde for Martial employments, ſhould the concerns of your King and Country call you forth into the Field,

your Lordſhip is a moſt indefatigable uſer of all active Sports and Recreations, and conſequently become the great Oracle and Maſter of them all, and all their Artful Terms. Under what other Wing then could this little Treatiſe on thoſe Subjects ſo properly creep for Shelter and Protection? Under no other certainly, without ſome kinde of injuſtice to your Lordſhip, and real injury to the Work it ſelf. Be pleaſed therefore a little to unbend your thoughts (I humbly beſeech your Lordſhip) from your more ſerious Studies, al-

allowing your eyes to run over theſe few Leaves, and either vouchſafe to correct their Errours, (if any have eſcaped thoſe judicious Sports-men who have been pleaſed to be my Guides in peruſing this Work, and purging it from many Errors and Miſtakes of the former Edition) or ſtamp them with the unqueſtionable authority of your Lordſhip's Approbation. This will oblige all true Lovers of the ſame generous Recreations to become greedy purchaſers of theſe Rules, both to improve their Knowledge, and reduce their Language

to the ſame ſignificant terms, to the great ſatisfaction of the Buyers, and the benefit of Proprietor and Seller, who humbly craves leave to lay himſelf at your Lordſhips Feet, in the quality of

(May it pleaſe your Lordſhip)

Your Lordſhip's

moſt devoted humble Servant,

Nicholas Cox.

ADVERTISEMENT.

Courteous Reader,

THe words *Bind* and *Canceleer* are inſerted amongſt the Terms of Art in *Faulconry* (by accident) without their Explanations; and therefore thou art deſired to take notice of them in this place. Alſo be pleaſed to read an *Intermewer* (the Second year of a *Hawks* Age) inſtead of *Interview.* Some other ſmall Faults have eſcaped the Preſs, the which thou art deſired to excuſe.

Binding is Tiring, or when a *Hawk* Seizeth.

Canceleer is when a high-flown *Hawk* in her ſtooping turneth two or three times upon the Wing to recover ſelf before ſhe Seizeth.

Poſt-

POSTSCRIPT.

TO ſhun Ingratitude, I muſt not omit mentioning Mr. Michael Marſh *Horner, living at* Holborn-Bridge, *who teaches to blow the Horn, and as a Maſter who teaches the Notes (it is not onely mine, but the vogue of all who know him) is inferiour to none of that Function.*

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The

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GENTLEMAN'S Recreation:

OR,

A TREATISE

Giving the beſt Directions for

HUNTING,

AND

KILLING all manner of CHASES uſed in *ENGLAND.*

With the Terms of Art belonging thereunto.

ALSO,

A ſhort account of ſome peculiar Beaſts not uſually hunted in *England.*

Firſt Collected from Antient and Modern Authors; and now very much Corrected and Enlarged by many Worthy and experienced Artiſts of this Recreation.

With an Abſtract of ſuch Statute-Laws as relate to Foreſts and Hunting.

The Firſt PART.

LONDON: Printed by *J. C.* for *N. C.*

OF HUNTING.

The Introduction.

Hunting is a Game and Recreation commendable not onely for *Kings*, Princes, and the Nobility, but likewiſe for private Gentlemen: And as it is a Noble and Healthy Paſtime, ſo it is a thing which hath been highly prized in all Ages.

Beſides, *Hunting* trains up Youth to the uſe of manly Exerciſes in their riper Age, being encouraged thereto by the pleaſure they take in hunting the *Stately Stag*, the *Generous Buck*, the *Wilde Boar*, the *Cunning Otter*, the *Crafty Fox*, and the *Fearful Hare*; alſo the catching of Vermin by Engines, as the *Fitchet*, the *Fulimart*, the *Ferret*, the *Polecat*, the *Moldwarp*, and the like. Exerciſe herein preſerveth Health, and increaſeth Strength and Activity. Others inflame the hot Spirits of young men with roving Ambition, love of War, and ſeeds of Anger: But the Exerciſe of Hunting neither remits the Minde to Sloth nor Softneſs,

nor (if it be uſed with moderation) hardens it to inhumanity; but rather inclines men to good Acquaintance, and generous Society. It is no ſmall advantage to be enured to bear Hunger, Thirſt, and Wearineſs from ones Childhood; to take up a timely habit of quitting ones Bed early, and loving to ſit well and ſafe upon an Horſe. What innocent and natural delights are they, when he ſeeth the day breaking forth thoſe Bluſhes and Roſes which Poets and Writers of Romances onely paint, but the Huntſman truely courts? When he heareth the chirping of ſmall Birds pearching upon their dewy Boughs? when he draws in the fragrancy and coolneſs of the Air? How jolly is his Spirit, when he ſuffers it to be imported with the noiſe of Bugle-Horns, and the baying of Hounds, which leap up and play round about him!

Nothing doth more recreate the Minde, ſtrengthen the Limbs, whet the Stomach, and clear up the Spirit, when it is heavy, dull, and over-caſt with gloomy Cares: from whence it comes, that theſe delights have merited to be in eſteem in all Ages, and even amongſt barbarous Nations, by their Lords, Princes, and higheſt Potentates.

Then it is admirable to obſerve the natural inſtinct of Enmity and Cunning, whereby one Beaſt being as it were confederate with man, by whom he is maintained, ſerves him in his deſignes upon others. How perfect is the Scent or Smell of an Hound, who never leaves it, but follows it through innumerable changes and varieties of other Scents, even over and in the Water, and into the Earth? Again, how ſoon will a *Hound* fix his Eye on the beſt and fatteſt *Buck* of the Herd, ſingle him out, and follow him, and him onely, without changing, through a whole Herd of raſcal Game, and leave him not till he kills him? Moreover

over, is it not delightful and pleaſant to obſerve the Docibleneſs of Dogs, which is as admirable as their Underſtanding? For as a right Huntſman knows the Language of his Hounds, ſo they know his, and the meaning of their own kinde, as perfectly as we can diſtinguiſh the voices of our friends and acquaintance from ſuch as are ſtrangers.

Again, how ſatisfied is a curious Minde, nay exceedingly delighted, to ſee the Game fly before him! and after that it hath withdrawn it ſelf from his ſight, to ſee the whole Line where it hath paſſed over, with all the doublings and croſs works which the amazed and affrighted Beaſt hath made, recovered again; and all that Maze wrought out by the intelligence which he holds with Dogs! this is moſt pleaſant, and as it were a Maſter-piece of natural Magick. Afterwards, what Triumph there is to return with Victory and Spoils, having a good Title both to his Appetite and Repoſe! Neither muſt it be omitted, that herein there is an eſpecial need to hold a ſtrict Rein over our affections, that this Pleaſure, which is allowable in its ſeaſon, may not intrench upon other Domeſtical affairs. There is great danger leſt we be tranſported with this Paſtime, and ſo our ſelves grow Wilde, haunting the Woods till we reſemble the Beaſts which are Citizens of them; and by continual converſation with Dogs, become altogether addicted to Slaughter and Carnage, which is wholly diſhonourable, being a ſervile employment. For as it is the priviledge of Man, who is endued with Reaſon, and Authorized in the Law of his Creation, to ſubdue the Beaſts of the Field; ſo to tyrannize over them too much, is brutiſh in plain Engliſh.

Miſtake me not, I intend this Reflection not for the Nobility and Gentry of this Nation, whoſe expence of time in this noble and delightful Exerciſe can no

ways prejudice their large Poſſeſſions, ſince it is ſo far from being very chargeable, that it is exceeding profitable to the bodily health of ſuch who can diſpence with their ſtaying at home without any injury to their Families.

I might much enlarge my ſelf in the commendation of Hunting, but that I am loath to detain you too long from the knowledge of what will make a right and perfect Huntſman. I ſhall therefore thus conclude: No Muſick can be more raviſhingly delightful than a Pack of Hounds in full cry, to ſuch a man whoſe Heart and Ears are ſo happy to be ſet to the tune of ſuch charming Inſtruments.

HUNTERS TERMS.

BEfore we ſhall treat of the Method that is to be uſed in the obtaining pleaſure in the proſecution of this Royal Game, it will be very requiſite, as an Introduction to this Work, firſt to underſtand thoſe *Terms of Art* Huntſmen, Foreſters, and Wood-men uſe, when they are diſcourſing of their commendable and highly recreative Profeſſion. And firſt, let us conſider

Which are Beaſts of Foreſt, or Venery, or Venary, Chaſe, and Warren.

Old Foreſters and Wood-men, with others well acquainted with Hunting, do reckon that there are five Beaſts of Venery, (that are alſo called Beaſts of Foreſt) which are theſe: the *Hart*, the *Hinde*, the *Hare*, the *Boar*, and *Wolf*: this is the opinion of *Budæus* likewiſe, in his Treatiſe of *Philologie*, ſpeaking of

of the former Beaſts, *Semper Foreſtæ & Veneris habentur Beſtiæ:* Theſe (ſaith he) are always accounted Beaſts of Venery and Foreſt.

Some may here object and ſay, Why ſhould the *Hart* and *Hinde*, being both of one kinde, be accounted two ſeveral Beaſts? To this I anſwer, That though they are Beaſts of one kinde, yet they are of ſeveral ſeaſons: for the *Hart* hath his ſeaſon in Summer, and the ſeaſon of the *Hinde* begins when the *Hart*'s is over.

Here note, that with the *Hart* is included the *Stag*, and all other *Red Deer* of Antlier.

There are alſo five wild Beaſts that are called Beaſts of Chaſe; the *Buck*, the *Doe*, the *Fox*, the *Martron*, and the *Roe*.

The Beaſts and Fowls of Warren, are the *Hare*, the *Coney*, the *Pheaſant*, and the *Partridge*; and none other, ſaith Mr. *Manwood*, are accounted Beaſts nor Fowls of Warren.

My Lord *Cook* is of another opinion, in his *Commentary on Littleton* 233. *There be both Beaſts and Fowls of the Warren*, ſaith he: *Beaſts*, *as* Hares, Coneys, *and* Roes: *Fowls of two ſorts*, Terreſtres, (*and they of two ſorts*) Silveſtres, & Campeſtres. *The firſt*, Pheaſant, Wood-cock, *&c.* *The ſecond*, Partridge, Quail, Rail, *&c.* *Then* Aquatiles, *as* Mallard, Hern, *&c.*

There is great difference between Beaſts of Foreſt, and Chaſe; the firſt are *Silveſtres tantum*, the latter *Campeſtres tantum*. The beaſts of the Foreſt make their abode all the day-time in the great Coverts and ſecret places in the Woods; and in the night-ſeaſon they repair into the Lawns, Meadows, Paſtures, and pleaſant feeding places; and therefore they are called *Silveſtres*, beaſts of the Wood. The beaſts of Chaſe do reſide all the day-time in the Fields, and

upon the Hills or high Mountains, where they may ſee round about them afar off, to prevent danger; but upon nights approach they feed as the reſt in Meadows, *&c.* and therefore theſe are called *Campeſtres*, beaſts of the Field.

Let us in the next place diſcover their Names, Seaſons, Degrees, and Ages of Foreſt or Venery, Chaſe and Warren: and becauſe the *Hart* is the moſt noble, worthy, and Stately Beaſt, I ſhall place him firſt; and muſt call a

Hart

The firſt year, a *Hinde-calf*, or *Calf*.
The ſecond year, a *Knobber*.
The third year, a *Brocke*.
The fourth year, a *Staggard*.
The fifth year, a *Stag*.
The ſixth, a *Hart*.

If hunted by the King, a *Hart Royal*. If he eſcape, and Proclamation be made for his ſafe return without let or detriment, he is then called a *Hart Royal Proclaimed*.

It is a vulgar errour, according to the opinion of Mr. *Guillim*, to think that a *Stag*, of what age ſoever he be, ſhall not be called a *Hart* till he be hunted by the King or Queen, and thence he ſhall derive his Title. Mr. *George Turbervile* ſaith poſitively, he ſhall not obtain that Name till he is hunted or killed by a Prince. But late Huntſmen do agree, he may be called a *Hart* at and after the age of ſix years old.

Now if the King or Queen ſhall happen to hunt or chaſe him, and he eſcape with life, he ſhall ever after be called a *Hart Royal*: But if he fly ſo far from the Foreſt or Chaſe, that it is unlikely he will ever return of his own accord to the place aforeſaid, and

and that Proclamation be made in all Towns and Villages thereabouts, that none ſhall kill or offend him, but that he may ſafely return if he liſt; he is then called a *Hart Royal Proclaimed.*

The ſecond Beaſt of Venery is called a

Hinde.

And ſhe is called the firſt year, a *Calf.*
The ſecond year, a *Hearſe*; and ſometimes we ſay *Brockets Siſter*, &c.
The third year, a *Hinde.*

The next and third, which by old Foreſters is called the King of all beaſts of Venery, is the

Hare.

And is called the firſt year, a *Leveret.*
The ſecond year, a *Hare.*
The third year, a *Great Hare.*

The fourth Beaſt of Venery is called the

Wilde Boar.

The firſt year, he is a *Pig of the Sounder.*
The ſecond year, he is a *Hog.*
The third year, he is a *Hogs Steer.*
The fourth year, he is a *Boar*; at which age, if not before, he leaveth the *Sounder*, and then he is called a *Singler* or *Sanglier.*

The fifth and laſt Beaſt of Venery is the

Wolf.

The names of the Beasts of Chase according to their Ages.

The first is the

Buck.

It is called the first year, a *Fawn.*
The second year, a *Pricket.*
The third year, a *Sorel.*
The fourth year, a *Sore.*
The fifth year, a *Buck* of the *first Head.*
The sixth year, a *Great Buck.*

The second Beast of Chase is the

Doe or *Doo.*

She is called the first year, a *Fawn.*
The second year, a *Tegg.*
The third year, a *Doe.*

The third Beast of Chase is the

Fox.

And is called the first year, a *Cub.*
The second year, a *Fox*, and afterwards an old *Fox.*

The fourth Beast of Chase is the

Martern.

The first year, it is called a *Cub.*
The second year, a *Martern.*

The fifth and laſt Beaſt of Chaſe is called the

Roe.

The firſt year, it is called a *Kid.*
The ſecond year, a *Gyrle.*
The third year, a *Hemuſe.*
The fourth year, a *Roe-Buck* of the *firſt Head.*
The fifth year, a *Fair Roe-Buck.*

As for the Beaſts of the Warren, the *Hare* hath been ſpoken of already. The *Couey* is called the firſt year a *Rabbet*, and afterwards an old *Coney.*

The ſeaſons of Beaſts.

A *Hart* or *Buck* beginneth at the end of Fencer Moneth, which is 15 days after *Midſummer*-day, and laſteth till *Holy-rood*-day. The *Fox* at *Chriſtmas*, and laſteth till the *Annuntiation* of the *Bleſſed Virgin.* The *Hinde* or *Doe* beginneth at *Holy-rood*-day, and laſteth till *Candlemas.* The *Roe-buck* beginneth at *Eaſter*, and laſteth till *Michaelmas.* The *Roe* beginneth at *Michaelmas*, and laſteth till *Candlemas.* The *Hare* beginneth at *Michaelmas*, and laſteth till the end of *February.* The ſeaſon of the *Wolf* is ſaid to be from *Chriſtmas* till the *Annuntiation* of the Virgin *Mary.* Laſtly, The *Boar* begins at *Chriſtmas*, and continues to the *Purification* of our *Lady.*

Terms to be uſed for Beaſts of Venery and Chaſe, as they are in Company one with the other.

A Herd of *Harts.*
A Herd of all manner of *Deer.*

A Bevy of *Roes.*
A Sounder of *Swine.*
A Rout of *Wolves.*
A Richeſs of *Marterns.*
A Brace or Leaſe of *Bucks.*
A Brace or Leaſe of *Foxes.*
A Brace or Leaſe of *Hares.*
A Couple of *Rabbets.*
A Couple of *Coneys.*

Terms for their Lodging.

A *Hart* Harboureth.
A *Buck* Lodgeth.
A *Roe* Beddeth.
A *Hare* Seateth, or Formeth.
A *Coney* Sitteth.
A *Fox* Kennelleth.
A *Martern* Treeth.
An *Otter* Watcheth.
A *Badger* Eartheth.
A *Boar* Coucheth.

Terms for their Doſlodging.

Unharbour the *Hart.*
Rouze the *Buck.*
Start the *Hare.*
Bolt the *Coney.*
Unkennel the *Fox.*
Tree the *Martern.*
Vent the *Otter.*
Dig the *Badger.*
Rear the *Boar.*

Terms for their Noiſe at Rutting time.

A *Hart* Belleth.
A *Buck* Growneth or Troateth.
A *Roe* Belloweth.
A *Hare* Beateth or Tappeth.
An *Otter* Whineth.
A *Boar* Freameth.
A *Fox* Barketh.
A *Badger* Shricketh.
A *Wolf* Howleth.
A *Goat* Ratleth.

Terms for Copulation.

A *Hart* or *Buck* goeth to Rut.
A *Roe* goeth to Tourn.
A *Boar* goeth to Brim.
A *Hare* and *Coney* goeth to Buck.
A *Fox* goeth to Clickitting.
A *Wolf* goeth to Match or to Make.
An *Otter* hunteth for his Kinde.

Terms for the Footing and Treading of all Beaſts of Venery and Chaſe.

Of a *Hart*, the Slot.
Of a *Buck* and all *Fallow Deer*, the View.
Of all *Deer*, if on the Graſs, and ſcarce viſible, then it is called Foiling.
Of a *Fox*, the Print; and other ſuch Vermin, the Footing.
Of an *Otter*, the Marks.
Of a *Boar*, the Tract.
Of a *Hare*, diverſly; for when ſhe is in open field, ſhe

ſhe Soreth: When ſhe winds about to deceive the Hounds, then ſhe Doubleth: When ſhe beateth on the hard High-way, and her Footing can be perceived, then ſhe Pricketh; and in the Snow, it is called the Trace of the *Hare*.

Terms of the Tail.

Of a *Hart*, *Buck*, or other *Deer*, the Single.
Of a *Boar*, the Wreath.
Of a *Fox*, the Bruſh or Drag; and the Tip at the end is called the Chape.
Of a *Wolf*, the Stern.
Of a *Hare* and *Coney*, the Scut.

Terms for their Ordure.

Of a *Hart*, and all *Deer*, their Excrement is called Fewmets or Fewiſhing.
Of a *Hare*, Crotiles or Crotiſing.
Of a *Boar*, Leſſes.
Of a *Fox*, the Billiting; and all other ſuch Vermin, the Fuants.
Of an *Otter*, the Spraints.

Terms for the Attire of Deer.

Of a *Stag*, if perfect, the Bur, the Pearls, (the little Knobs on it) the Beam, the Gutters, the Antlier, the Sur-Antlier, Royal, Sur-Royal, and all at top the Croches.

Of a *Buck*, the Bur, the Beam, the Brow-Antlier, the Back-Antlier, the Advancer, Palm, and Spellers.

If the Croches grow in form of a mans Hand, it is then called a Palmed Head. Heads bearing not above three or four, the Croches being plac'd aloft all

of

of one height, are called Crown'd Heads. Heads having doubling Croches, are called Forked Heads, becauſe the Croches are planted on the top of the Beam like Forks.

If you are asked what a *Stag* bears, you are onely to reckon Croches he bears, and never to expreſs an odde number: As, if he hath four Croches on his near Horn, and five on his far, you muſt ſay, he beareth ten, a falſe Right on his near Horn (for all that the Beam bears are called *Rights*) If but four on the near Horn, and ſix on the far Horn, you muſt ſay he bears twelve, a double falſe Right on the near Horn; for you muſt not onely make the number even, but alſo the Horns even with that diſtinction.

When a *Hart* breaketh Herd, and draweth to the Thickets or Coverts, we uſually ſay he taketh his Hold, or he goeth to Harbour.

All kinde of *Deers* fat is called Sewit; and yet you may ſay, This Deer was a high Deer of Greaſe. The fat of a *Boar* is called Greaſe. The fat of a *Roe* onely is called Beavy Greaſe.

We ſay the *Deer* is broken up. The *Fox* and *Hare* is caſed.

It is { A Litter of *Cubs*. / A Neſt of *Rabbets*. / A *Squirrels* Dray.

Veniſon, or Venaiſon, is ſo called, from the means whereby the beaſts are taken, *quoniam ex Venatione capiuntur*; and being hunted, are moſt wholſome.

Beaſts of Venary (not Venery, as ſome call it) are ſo termed, becauſe they are gotten by hunting.

No beaſt of the Foreſt that is *ſolivagam & nocivum* is Veniſon, as the *Fox*, the *Wolf*, the *Martin*, becauſe they are no meat. The *Bear* is no Veniſon, becauſe not onely that he is *Animal nocivum & ſolivagam*; but

but becauſe he is no beaſt of the Foreſt, and whatſoever is Veniſon muſt be a beaſt of the Foreſt; *ſed non è converſo.* On the other ſide, *Animalia gregalia non ſunt nociva*, as the Wilde *Boar*; for naturally the firſt three years he is *Animal gregale*; and after truſting to his own ſtrength, and for the pleaſure of man, becometh *Solivagum.* He is then called *Sanglier*, becauſe he is *Singularis:* but he is Veniſon, and to be eaten. The *Hare* is Veniſon too, which *Martial* preferreth before all others.

Inter Quadrupedes gloria prima Lepus.

So are the *Red-Deer* and *Fallow-Deer* Veniſon: *vide Cook* Inſt. 4. pag. 316. Give me leave to inſert here out of the ſame Author two Concluſions in the Law of the Foreſt, which follow from hence. Firſt, Whatſoever Beaſt of the Foreſt is for the food of man, that is Veniſon: and therewith agreeth *Virgil*, deſcribing of a Feaſt,

Implentur Veteris Bacchi *pinguiſque ferinæ.*

They had their belly full of old Wine and fat Veniſon. So Veniſon was the principal Diſh of the Feaſt. Secondly, whatſoever beaſt is not for the food of man, is not Veniſon. Therefore *Capriolus*, or the *Roe*, being no beaſt of the Foreſt, is by the Law of the Foreſt no Veniſon unleſs hunted. Nature hath endewed the beaſts of the Foreſt with two qualities, Swiftneſs, and Fear; and their Fear increaſeth their Swiftneſs.

——*Pedibus timor addidit alas.*

Vert is any thing that beareth green Leaf, but eſpecially of great and thick Coverts, and is derived *à Viriditate*

ditate. Vert is of divers kinds; ſome that beareth Fruit that may ſerve for food both for man and beaſts, as *Service-trees*, *Nut-trees*, *Crab-trees*, &c. and for the ſhelter and defence of the Game. Some called *Hautboys*, ſerving for Food and browſe of and for the Game, and for the defence of them; as *Oaks*, *Beeches*, &c. Some *Hautboys* for Browſe, Shelter, and Defence only; as *Aſhes*, *Poplars*, &c. Of *Sub boys*, ſome for Browſe and Food of the Game, and for Shelter and Defence; as *Maples*, &c. Some for Browſe and Defence; as *Birch*, *Sallow*, *Willow*, &c. Some for Shelter and Defence onely; as *Elder*, *Alder*, &c. Of Buſhes and other Vegetables, ſome for Food and Shelter, as the *Haw-thorn*, *Black-thorn*, &c. Some for hiding and ſhelter, as *Brakes*, *Gorſe*, *Heath*, &c. *Vert*. as I ſaid, comes *à Viridi*; thence *Viridarii*, b cauſe their Office is to look after the preſervation of the *Vert*, which in truth is the preſervation of Veniſon.

Terms for Flaying, Stripping, and Caſing of all manner of Chaſes.

The *Hart* and all manner of *Deer* are ſlain: Huntſmen commonly ſay, Take off that *Deer*'s Skin. The *Hare* is Stripped or Caſed; and ſo is the *Boar* too, according to the opinion of the Antients. The *Fox*, the *Badger*, and all manner of Vermin are caſed, beginning at the Snout or Noſe of the Beaſt, and ſo turn his Skin over his Ears down to the Body till you come to the Tail.

Proper Terms for the Noiſes of Hounds.

When Hounds are firſt caſt off, and finde ſome Game or Chaſe, we ſay, *They Challenge*. If they are too buſie before they finde the ſcent good, we ſay, *They*

Bawl. If they be too buſie after they finde good ſcent, we ſay, *They Babble.* If they run it end-ways orderly, making it good, and then hold in together merrily, we ſay, *They are in full cry.* When Spaniels open in the ſtring, (or a Grey-hound in his courſe) we ſay, *They Lapſe.* When Hounds hang behinde, and beat too much upon the ſcent or place, we ſay, *They Plod.* And when they have either Earthed a Vermin, or brought a *Deer*, *Boar*, or ſuch-like to turn head againſt them, then we ſay, *They Bay.*

Different Terms for Hounds and Grey-hounds.

Of Grey-hounds, two make a *Brace*; of Hounds, a *Couple.* Of Grey-hounds, three make a *Leace*; and of Hounds, a *Couple and half.*

We let ſlip a Grey-hound, and caſt off a Hound. The ſtring wherewith we lead a Grey-hound, is called a *Leace*; and for a Hound, a *Lyome*. The Grey-hound hath his *Collar*, and the Hound hath his *Couples.* We ſay, a Kennel of Hounds, and a Pack of Beagles. Some other differences there are, but theſe are the moſt uſual.

Where we finde *Deer* have lately paſſed into Thickets, *&c.* by which we gueſs their greatneſs, and then put the Hounds or Beagles thereto for the View, we account ſuch places *Entries.*

The Impreſſion where any *Deer* hath repoſed or harboured, we call a *Layr.*

When the Hounds or Beagles hit the ſcent of their Chaſe contrary, as to hit it up the wind when they ſhould it down, we then ſay, they *Draw amiſs.*

When the Hounds or Beagles take freſh ſcent, hunting another Chaſe, untill they ſtick and hit it again, we ſay, they *Hunt Change.*

When the Hounds or Beagles hunt it by the Heel, we ſay, they *Hunt Counter.* When

When the Chaſe goes off, and comes on again traverſing the ſame ground, to deceive the Hounds or Beagles, we ſay, they *Hunt* the *Foil.*

When we ſet Hounds in readineſs where we expect the *Deer* will come by, and then caſt them off when the other Hounds are paſs'd by, we account that a *Relay.*

When Hounds or Beagles have finiſh'd their Chaſe by the death of what they purſued, and then in requital are fed by the hands of the Huntſman or other, we call that their *Reward.*

Huntſmen when they go drawing in their Springs at *Hart*-hunting, uſually make Dew-rounds, which we call *Ringwalks.*

When any *Deer* is hard hunted, and then betakes himſelf to ſwimming in any River, *&c.* then we ſay, he takes *Soyl.*

When *Deer* caſt their Horns, we ſay, they *Mew.*

The firſt head of a *Fallow-Deer* is called *Prick.*

When Huntſmen endeavour to finde a *Hart* by the Slot, *&c.* and then minde his ſtep to know whether he is great & long, they then ſay, they know him by his *Gate.*

When *Deer* rub and puſh their Heads againſt Trees to cauſe the Pills of their new Horns come off, we ſay, they *Fray.*

When *Deer*, after being hard run, turn head againſt the Hounds, we ſay, they *Bay.*

When Hounds or Beagles run long without opening or making any cry, we ſay, they run *Mute.*

When Hounds or Beagles at firſt finding the ſcent of their Game preſently open and cry, we then ſay, they *Challenge.*

When Hounds run at a whole Herd of *Deer*, we ſay, they *Run Riot.*

When the Hounds touch the ſcent, and draw on till they rouze or put up the Chaſe, we ſay, they *Draw on the Slot.*

When a *Roe* croſſes and doubles, it is called *Trajoning.*

When a *Hare*, as ſometimes (though ſeldom) takes the Ground like a *Coney*, we then ſay, ſhe *Goes to the Vault.*

When we beat the Buſhes, *&c.* after the *Fox*, we call it *Drawing.*

When a *Hare* runs on rotten ground, or in a Froſt ſometimes, and then it ſticks to her Feet, we ſay, ſhe *Carryeth.*

When the *Fox* hath young ones in her, we ſay, ſhe *is with Cub.*

When Beagles bark and cry at their Prey, we ſay, they *Tearn.*

A Red Male *Hart* of an year old, is called a *Spitter.*

A *Rayn-Deer*, is a Beaſt like an *Hart*, but hath his Head fuller of Antliers.

A *Pricker*, is a Huntſman on Horſe-back.

Engines that we take *Deer* withal, are called *Wiles.*

When we ſet Hounds or Beagles in readineſs, expecting the Chaſe to come by, and then caſt them off before the reſt come in, we call it a *Vauntlay.*

When Hounds or Beagles finde where the Chaſe hath been, and made a proffer to enter, but returned, we ſay, there is a *Blemiſh.*

We ſay *How* to a *Deer.*

When we ſtart a *Hare*, we ſay, *That, that*, or *There, there.*

The *Call*, a Leſſon blowed on the Horn to comfort the Hounds.

A *Recheat*, a Leſſon likewiſe blown on the Horn. The *Mort* or *Death*, is blown at the death of any *Deer.* There are ſeveral other Leſſons, which you may finde in the Sculpture of Notes for blowing on the Horn.

There

There are ſeveral Hounds and Beagles which we have different Titles for; as Gaze-hound, Blood-hound, Staunch-hound, Harrier, and Terrier, &c. But we generally in all our Kennels and Packs rank them under theſe heads: *Enterers*, *Drivers*, *Fylers*, *Tyers*, &c.

And now to conclude our diſcourſe of general Terms at this place, give us leave to inſert, for ſuch young Gentlemen as in time may keep a Kennel, ſome uſual Names of Hounds and Beagles.

A Catalogue of ſome general Names of *Hounds* and *Beagles*.

Beauty	Hector.
Blue-man	
Boman	Juggler
Bouncer	Jewel
	Jocky
Captain	Joler
Counteſs	Jollyboy
Cæſar.	Jupiter
	Juno.
Dido	
Driver	Keeper.
Drunkard	
Drummer	Lively
Damoſel	Lady
Darling	Lilly
Dutcheſs	Lillups.
Dancer	
Daphne.	Madam
	Merryboy
Fuddle.	Muſick.
Gallant.	Nancy.

- *Plunder*
Rockwood
- *Ringwood*
- *Rover*
- *Ranter*
- *Royal*
Rapper
Ruffler.

Spanker
- *Soundwel*
- *Stately.*
Troler

- *Thunder*
Thisbe
- *Truman*
Truelove
Tickler
Tattler
Tulip.

Venus.

Wanton
- *Wonder.*

Younker.

Some other Terms and Deſcriptions relating more particularly to Foreſt and Foreſt-Laws.

A *Foreſt*, is a place priviledged by Royal Authority, and differs from Park, Warren, and Chaſe, and is on purpoſe allotted for the peaceable abiding and nouriſhment of the Beaſts and Fowls thereto belonging. For which there are certain peculiar Laws, Officers, and Orders; part of which appear in the Great Charter of the Foreſt.

A *Foreſter*, is an Officer of the Foreſt, ſworn to preſerve the Vert and Veniſon therein, and to attend the wilde beaſts within his Bailiwick, and to watch, and endeavour to keep them ſafe by day and night. He is likewiſe to apprehend all Offenders in Vert and Veniſon, and to preſent them to the Courts of the Foreſt, to the end they may be puniſhed according to their offences.

A

A *Purlieu*, is all that ground adjoyning to Foreſts, which being made Foreſt by *Henry* the ſecond, *Richard* the firſt, or King *John*, were by perambulations granted by *Henry* the third, and ſevered again from the ſame.

A *Purlieu*-man, is he that hath ground within the *Purlieu*, and hath 40 s. a year Free-hold; and ſuch a one with ſome caution may hunt within his own *Purlieu*.

A *Regarder*, is an Officer of the Kings Foreſt, that is ſworn to take care of the Vert and Veniſon, and to view and enquire of all the offences committed within the Foreſt, and of all the Concealments of them; and whether all other Officers do execute their Office or not.

Woodgeld, is the gathering or cutting of Wood in the Foreſt, or the money paid for it to the uſe of the Foreſters; or an Immunity for this by the King's Grant.

A *Raunger*. In ſome Foreſts there are twelve *Raungers*, whoſe Offices are to look after the *Purlieu*, and drive back the wilde Beaſts into the Foreſt again; and to ſee, hear, and enquire of offenders there, and to preſent their offences.

A *Verderor*, is an Officer of the King's Foreſt, and choſen by the Free-holders of the County where the Foreſt is, by the Kings Writ directed to the Sheriff for that purpoſe. Their Office is chiefly to look after the Wood and Graſs in the Foreſt.

An *Agiſtor*, is an Officer of the Foreſt that takes in to feed the Cattle of Strangers, and receives for the Kings uſe all ſuch tack-Money as becomes due from thoſe Strangers.

A *Chaſe*, is a place uſed for the receipt of *Deer* and Beaſts of the Foreſt: It differs from a Foreſt and Park. It may be in the hands of a Subject, which a

Foreſt in its proper nature cannot be. Neither is it incloſed as a Park always is; and it hath a larger compaſs, more ſtore of Game, and more Keepers and Overſeers.

Expeditate, is (ſaith Mr. *Crompton*) the cutting out the ball of the Foot of great Dogs in the Foreſt; but (ſaith Mr. *Manwood*) it is the cutting off the three fore-Claws by the Skin; and that the Owner of every ſuch Dog, unexpeditated in the Foreſt, ſhall forfeit 3 *s.* 4 *d.*

Fence Moneth, hath 31 days, begins 15 days before *Midſummer*, and ends 15 days after: In which time it is unlawful for any to hunt in the Foreſt, or to go amongſt the *Deer* to diſquiet them; becauſe it is the time of Fawning.

Frank Chaſe, is a liberty of free Chaſe in a Circuit annexed to a Foreſt, whereby all men that have ground within the circuit are forbidden to cut down Wood, or diſcover, *&c.* within the view of the Foreſter, though it be his own Demeſne.

Green-hue, or *Vert*, they both ſignifie one thing, it being every thing that doth grow and bear green Leaf within the Foreſt, that may cover and hide the *Deer*.

Over Vert, is all manner of high Wood.

Nether Vert, is all ſorts of under-wood. Bruſhwood is called *Cabliſh*.

Horngeld, is a Tax within the Foreſt for all manner of horned beaſts.

Footgeld, is an Amercement on ſuch as live within the Foreſt, for not expeditating their Dogs. And to be quit of *Footgeld*, is a priviledge to keep Dogs there unlawed without Puniſhment or Controlement.

Pawnage, is Money taken by the Agiſtors for the feed of Hogs with the Maſt of the Kings Foreſt; but

but (Mr. *Crompton* ſaith) it is moſt properly the Maſt, Woods, Lands, or hedg'd Rowes, or Money due to the Owners of the ſame for it.

A *Scotale*, is where any Officer of the Foreſt doth keep an Ale-houſe in the Foreſt by colour of his Office, cauſing men to come to his Houſe, and to ſpend their money there for fear of having Diſpleaſure; but this is forbidden by *Charta Foreſt.*

Perambulation, is the admeaſurement and ſetting down of Bounds and Limits to the Foreſt.

Drift of the Foreſt, is an exact view and examination taken at certain times, as occaſion ſhall ſerve, to know what beaſts are there; that none Common there but ſuch as have right; and that the Foreſt be not over-charged with the beaſts of Forreigners.

An *Aſſart*, is a great offence committed in the Foreſt, by grubbing up the Woods, Coverts, and Thickets, and making them plain as Arable Land, or the like.

Minoverie, is a Treſpaſs or Offence committed by ſome Engine ſet up in the Foreſt to catch *Deer*, or the like.

Tritis, is a freedom that one hath from holding a Grey-hound in ones hand when the Lord of the Foreſt is hunting there, or to be amerced for his default.

Protoforeſtarius, was a great Officer heretofore in *Windſor* Foreſt.

Stableſtand, is when one is found ſtanding in the Foreſt with his Bow ready bent to ſhoot at any *Deer*, or with his Grey-hound in a Leaſe ready to ſlip.

Swainmote, or *Swannimote*, is a Court appointed to be held thrice in a year within a Foreſt; the firſt, 15 days before *Michaelmas*; the ſecond, about *Martinmas*; and the third, 15 days before St. *John Baptiſt.*

Chiminage, is taken by Foreſters in fee throughout their

their Bailywick for Buſhes, Timber, &c. and ſignifies the ſame with Toll.

Afforeſt, is to turn Land into Foreſt.

Diſafforeſt, is to turn Land from being Foreſt to other uſes.

Let what hath been ſaid be ſufficient for an Introduction, and let us conclude it with a perſwaſion to all generous Souls not to ſlight this noble and worthy Exerciſe, (wherein is contained ſo much health and pleaſure) for the beſotting Senſualities, and wicked Debaucheries of a City, in which the courſe of Nature ſeems to be inverted, Day turn'd into Night, and Night into Day; where there is little other Recreation but what Women, Wine, and a bawdy Play can afford them; whereby, for want of Labour and Exerciſe, Mens Bodies contain as many Diſeaſes as are in a ſickly Hoſpital.

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of DOGS *in general.*

AS there is no Country in the world wherein there is not plenty of Dogs, ſo no Animal can boaſt of greater variety both in ſhape and kinde.

Some Dogs are very great, as the *Wolf*-dog, which is ſhaped like a Grey-hound, but by much taller, longer, and thicker; ſome are for the *Buck*, others for the *Boar*, *Bear*, and *Bull*; ſome for the *Hare*, *Coney*, and *Hedge-hog*; ſome are both for Water and Land, and they are called Spaniels; other are called Lurchers, Tumblers, Brachers, Beagles, &c. As for Shepherds dogs, foiſting Curs, and ſuch whom ſome fond Ladies make their daily, nay nightly Companions too

too, I ſhall paſs over, being neither worthy to be inſerted in this Subject, nor agreeable thereunto: wherefore I ſhall onely treat of ſuch whoſe natures do incline them to Game, for mans Paſtime and Recreation.

In the firſt place, let us conſider the nature of Dogs in general, wherein they agree, and their common properties of nature, ſuch as are not deſtroyed in the diſtinction of kinds, but remain like infallible Truths, and invariable in every kinde and Country through the Univerſe. Dogs (as it is to be obſerved) are generally rough; and their Hair indifferently long (which in Winter they loſe every year) is a ſigne of a good conſtitution; but if it grow over-long, the Mange will follow. The outward proportion of the Head altereth as the kinde altereth, having no commiſſure or ſeam in the Skull, being a continued bone without ſeparation.

The beſt Dogs (in *Pliny*'s opinion) have flat Noſtrils, yet round, ſolid, and blunt: Their Teeth are like Saws, which they change in the fourth month of their age: and by them is their age diſcerned; for while they are white and ſharp, it diſcovers the youth of a Dog; but when they grow blackiſh or dusky, broken and torn, they demonſtrate the elder age.

The Breaſt of a Dog is narrow, ſo is his Ventricle: for which cauſe he is always in pain in the diſcharging his Excrements.

After they have run a Courſe, they relieve themſelves by tumbling and rowling to and fro. When they lie down, they turn round in a circle two or three times together; which they do for no other cauſe, but that they may the more commodiouſly lie round, and from the Wind.

In their ſleep they often dream, as may appear by their barking. Here obſerve, that they who love to keep

keep Dogs, muſt have a ſpecial care that they let them not ſleep too much, eſpecially after their Meat, when they are young: for as they are very hot, ſo in their ſleep doth their heat draw much pain into their Stomack and Ventricle. The time of their Copulation is for the moſt part at a year old; yet the Females will luſt after it ſooner; but they ſhould be reſtrained from it, becauſe it debilitates their Body, and dulls their Generoſity. After the expiration of a year, they may be permitted to copulate; it matters not whether in Winter or Summer, but it is beſt in the beginning of the Spring: but with this caution, that Whelps of a Litter, or of one and the ſame Bitch, be never ſuffered to couple; for Nature delights in variety.

In antient time, for the more ennobling of their race of Dogs, they would not permit them to ingender till the Male was four year old, and the Female three; for by that means the Whelps would prove more ſtrong and lively. By Hunting, Labour, and Travel, the Males are made more fit for Generation, and they prove beſt which have their Sires of equal age. When they grow proud, give them Leaven mingled with Milk and Salt, and they will not ſtray and ramble abroad.

It is not good to preſerve the firſt or ſecond Litter, but the third: and after they have littered, it is good to give the Bitch Whey and Barley-bread; for that will comfort her, and increaſe her Milk: or take the Bones of broken Meat, and ſeeth them in Goats-Milk; which nutriment will ſtrengthen very much both Dam and Whelps.

There is no great regard to be had as to the Food of a Dog, for he will eat any thing but the Fleſh of his own kinde; for that cannot be ſo dreſſed by the art of Man, but they find it out by

by their Noſe, and avoid it. It is good to let the Whelps ſuck two Months before they be weaned, and that of their own Dam.

Put *Cummin* now and then in their bread, it will cure or prevent Wind in their Bellies; and if Oyl be mingled with that Water they lap, they will prove more able and ſwift to run. If he refuſe and loath his Meat, give him a little hot Bread, or dip brown Bread in Vinegar, and ſqeeze the liquor thereof into his Noſe, and it will eaſe him.

There is ſome difficulty to chuſe a Whelp under the Dam that will prove the beſt of the Litter. Some obſerve that which ſeeth laſt, and take that for the beſt: others remove the Whelps from the Kennel, and lay them ſeveral and apart one from the other; then watch they which of them the Bitch firſt taketh and carrieth into her Kennel again, and that they take for the beſt; or elſe that which vomiteth laſt of all. Some again give for a certain rule to know the beſt, that the ſame which weigheth leaſt while it ſucketh will prove the beſt, according to the Verſes of *Nemeſian*:

Pondere nam Catuli poteris perpendere viris,
Corporibuſque leves gravibus pernoſcere curſu.

But this is certain, that the lighter Whelp will prove the ſwifter, and the heavier will be the ſtronger.

As ſoon as the Bitch hath littered, it is requiſite to chuſe them you intend to preſerve, and throw away the reſt: keep the black, brown, or of one colour, for the ſpotted are not much to be accounted of; but of Hounds, Spotted are to be valued.

There is not any Creature irrational, more loving to his Maſter, nor more ſerviceable than a Dog, enduring blows from his hands, and uſing no other means

to

to pacifie his diſpleaſure, than Humiliation and proſtration; and after beating, turneth a Revenge into a more fervent Love. Irrational, did I ſay? I may miſtake, if what *Ælianus* reports be true, who thought Dogs have Reaſon, and uſe Logick in their hunting; for they will caſt about for the Game, as a Diſputant doth for the truth; as if they ſhould ſay, the *Hare* is gone either on the left hand, the right, or ſtraight forward; but not on the left or right, Therefore ſtraight forward. Whereupon he runneth forthright after the true and infallible footſteps of the *Hare*.

Of Dogs for Hunting. Of the Hound Rache *and* Sluth-hound, *ſo called in* Scotland, *and by the* Germans Schlathund.

THere are in *England* and *Scotland* two kindes of hunting-Dogs, and no where elſe in all the World: The firſt kinde is called *Ane Rache*, and this is a foot-ſcenting creature both of wilde-Beaſts, Birds, and Fiſhes alſo, which lie hid among the Rocks: *The Female hereof in* England *is called a* Brache. A *Brach*, is a mannerly name for all Hound-bitches. The ſecond in *Scotland* is called a *Sluth-hound*, being a little greater than the Hunting-hound, and in colour for the moſt part brown or ſandy ſpotted. The ſenſe of Smelling is ſo quick in theſe, that they can follow the foot-ſteps of Thieves, and purſue them with violence until they overtake them: nay, ſhould the Thief take the Water, ſo eager they are in their purſuit, that they will ſwim after them; and are reſtleſs till they finde the thing

thing they ſeek after: For this is common in the borders of *England* and *Scotland*, where the people were wont to live much upon Theft: and if the Dog brought his Leader to any houſe where they may not be ſuffered to enter, they take it for granted that there is both the ſtolen Goods, and the Thief alſo.

Of the BLOOD-HOUND.

THe Blood-hound differeth nothing in quality from the Scotiſh Sluth-hound, ſaving that they are more largely ſized, and not always of one and the ſame colour: for they are ſometimes Red, Sanded, Black, White, Spotted, and of all colours with other Hounds, but moſt commonly either brown or red.

The *Germans* call this Beaſt *Langhund*, becauſe their Ears are long, thin, and hanging down; and they differ not from vulgar Dogs in any other outward proportion, than only in their Cry and Barking. Their nature is, being ſet on by the voice and words of their Leader, to caſt about for the ſitting of the preſent Game; and having found it, will never ceaſe purſuing it with full cry, till it is tired, without changing for any other. They ſeldome bark, except in their Chaſe, and are very obedient and attentive to the Voice of the Leader.

They which are white, are ſaid to be the quickeſt ſcented, and ſureſt Nos'd, and therefore beſt for the *Hare:* The black ones for the *Boar*; and the red for the *Hart* and *Roe*. This is the opinion of ſome, but none of mine; becauſe their colour (eſpecially the latter) are too like the Game they hunt: although there can be nothing certain collected of their colour, yet is the black Hound hardier, and better able to endure cold than the other which is white. They

muſt

muſt be tied up till they hunt, yet ſo as they be let looſe now and then a little to eaſe their Bellies; for it is neceſſary that their Kennel be kept ſweet and dry. It is queſtionable how to diſcern a Hound of excellent ſenſe: yet ſome are of the opinion that the ſquare and flat Noſe is the beſt ſigne thereof; likewiſe a ſmall Head, having all his Legs of equal length; his Breaſt not deeper than his Belly, and his Back plain to his Tail; his Eyes quick, his Ears hanging long; his Tail nimble, and the beak of his Noſe always to the Earth; and eſpecially ſuch as are moſt ſilent, and bark leaſt.

Conſider now the divers and variable diſpoſitions of Hounds in their finding out the Beaſt. Some are of that nature, that when they have found the Game, they will ſtand ſtill till the Huntſman come up, to whom in ſilence, by their Face, Eye, and Tail, they ſhew the Game: others, when they have found the foot-ſteps, go forward without any voice or other ſhew of Ear or Tail: Another ſort ~~when~~, when they have found the footings of the Beaſt, prick up their Ears a little, and either bark or wag their Tails; and others will wag their Tails, and not move their Ears.

There are ſome again that do none of theſe, but wander up and down barking about the ſureſt marks, and confounding their own foot-ſteps with the Beaſts they hunt; or elſe forſake the way, and ſo run back again to the firſt head; but when they ſee the *Hare*, are affraid, not daring to come neer her, except ſhe ſtart firſt. Theſe, with the other which hinder the cunning labours of their Colleagues, truſting to their Feet, and running before their betters, deface the beſt mark, or elſe hunt counter, and take up any falſe ſcent for the truth; or, which is more reprehenſible, never forſake the High-ways, and yet have not learned to be

ſilent.

ſilent: Unto theſe you may alſo adde thoſe which cannot diſcern the Footing or Pricking of a *Hare*, yet will they run ſpeedy when they ſee her, purſuing her hotly in the beginning, and afterwards tire, or hunt lazily. All theſe are not to be admitted into a Kennel of good Hounds.

On the contrary, thoſe Hounds which are good when they have found the *Hare*, make ſhew thereof to the Huntſman, by running more ſpeedily, and with geſture of Head, Eyes, Ears, and Tail, winding to the Fourm or *Hares* Muſe, never give over proſecution with a gallant noiſe: they have good and hard Feet, and ſtately Stomacks.

Now whereas the nature of the *Hare* is ſometimes to leap and make headings, ſometimes to tread ſoftly with but a very ſmall impreſſion in the Earth, or ſometimes to lie down, and ever to leap or jump out and into her own Fourm; the poor Hound is ſo much the more buſied and troubled to retain the ſmall ſcent of her pricking which ſhe leaveth behinde her; for this cauſe it is requiſite that you help the Hound, not onely with Voice, Eye, and Hand, but with a ſeaſonable Time alſo: for in frofty weather the ſcent freezeth with the Earth, ſo that there is no certainty of hunting till it thaw, or that the Sun ariſe. Likewiſe if very much Rain fall between the ſtarting of the *Hare* and time of hunting, it is not convenient to hunt till the Water be dried up; for the drops diſperſe the ſcent of the *Hare*, and dry weather collecteth it again. The Summer-time alſo is not for hunting, becauſe the heat of the weather conſumeth the Scent; and the Night being then but ſhort, the *Hare* travelleth not far, feeding onely in the Morning and Evening: beſides, the fragrancy of Flowers and Herbs then growing, obliterates the ſcent the Hounds are guided by.

The beſt time for hunting with theſe Hounds is in Autumn, becauſe then the former Odours are weakned, and the Earth barer than at other time.

Theſe Hounds do not onely chaſe their Game while it liveth, but being dead alſo by any manner of caſualty, make recourſe to the place where it lieth, having in this point an aſſured and infallible Guide, namely, the *Scent* and *Savour* of the Blood ſprinkled here and there upon the ground: for whether the Beaſt being wounded doth notwithſtanding enjoy life, and eſcapeth the hands of the Huntſman; or whether the ſaid Beaſt, being ſlain, is conveyed cleanly out of the Park, (ſo that there be ſome marks of bloodſhed) theſe Dogs, with no leſs facility and eaſineſs, than avidity and greedineſs, diſcloſe and bewray the ſame by Smelling, applying to their purſuit agility and nimbleneſs, without tediouſneſs; for which conſideration, of a ſingular ſpecialty they deſerved to be called *Sanguinarii*, Blood-hounds: And although a piece of fleſh be ſubtilly ſtolen, and cunningly conveyed away, with ſuch proviſo's and precaveats, as thereby all appearances of Blood is thereby prevented or concealed; yet theſe kinde of Dogs, by certain direction of an inward aſſured notice and private mark, purſue theſe deſperate *Deer*-ſtealers through craggy Ways, and crooked Meanders, till they have found them out: yea, ſo effectual is their foreſight, that they can diſcover, ſeparate, and pick them out from an infinite multitude; creep they never ſo far into the thickeſt throng, they will finde them out notwithſtanding.

Of the GAZE-HOUND.

THis Dog is little beholding in hunting to his Noſe or Smelling, but to ſharpneſs of Sight altogether, by the vertue whereof it makes excellent ſport with the *Fox* and *Hare*.

This Dog will chuſe and ſeparate from amongſt a great Flock or Herd, and ſuch a one will it take by election, as is not lank or lean, but full, fat, and round.

If a Beaſt be wounded and go aſtray, this Dog will ſeek after it by the ſtedfaſtneſs of the Eye; if it happen to return, and be mingled with the reſidue of the Herd, this Dog will ſoon ſpy it out, leaving the reſt untouched: and after he hath ſet ſure ſight upon it, he ſeparateth it from the company; and having ſo done, never ceaſeth till he hath wearied it to death

This Dog is called in Latine *Agaſæus*, becauſe the beams of the Sight are ſo ſtedfaſtly ſettled, and unmoveably faſtned. Theſe Dogs are much uſed in the Northern parts of *England*, much more than in the Southern; and on Champion ground ratherthan in buſhy and woody places: Horſemen uſe them more than Footmen.

If it happen ſo at any time that this Dog take a wrong way, the Maſter making ſome uſual ſigne, and familiar token, he returneth forthwith, and taketh the right and ready courſe, beginning his Chaſe afreſh, and with a clear Voice, and a ſwift Foot, followeth the Game with as much courage and nimbleneſs as he did at the firſt.

Of the GREY-HOUND.

AMong the divers kindes of Hunting-dogs, the *Grey-hound*, by reaſon of his Swiftneſs, Strength, and Sagacity to follow and purſue his Game, deſerveth the firſt place; for ſuch are the conditions of this Dog, as a Philoſopher obſerveth, that he is reaſonably ſcented to finde out, ſpeedy and quick of foot to follow, and fierce and ſtrong to take and overcome; and yet ſilent, coming upon his Prey at unawares, according to the obſervation of *Gratius*:

Sic Canis illa ſuos taciturna ſupervenit hoſtes.

The beſt *Grey-hound* hath a long Body, ſtrong, and reaſonable great, not ſo big as the *Wolf* dog in *Ireland*; a neat ſharp head, and ſplendant Eyes; a long Mouth, and ſharp Teeth; little Ears, and thin Griſtles in them; a ſtraight Neck, and a broad and ſtrong Breaſt; his fore Legs ſtraight and ſhort, his hinder Legs long and ſtraight; broad Shoulders, round Ribs, fleſhy Buttocks, but not fat; a long Tail, ſtrong, and full of Sinews. Thus *Nemeſian* eloquently deſcribes the beſt of *Grey-hounds*:

——— ——— Sit cruribus altis,
Coſtarum ſub fine decenter prona carinam:
Renibus ampla ſatis validis deductaq; coxas
Sit rigidis, multamq; gerat ſub pectore lato,
Quæ ſenſim rurſus ſicca ſe colligat alvo:
Cuiq; nimis molles fluitent in curſibus Aures.
Elige tunc curſu facilem, facilemq; recurſu,
Dum ſuperant vires, dum læto flore juventus.

Of

Of this kinde, that is always the beſt to be choſen among the Whelps, which weigheth lighteſt; for it will be ſooneſt at the Game, and ſo hang upon it, hindering its ſwiftneſs, till the ſtronger and heavier Dogs come to help and offer their aſſiſtance; and therefore beſides the marks or neceſſary good parts of a *Grey-hound* already ſpoken of, it is requiſite that he have large ſides, and a broad Midriff, that ſo he may take his Breath in and out more eaſily: his Belly muſt be ſmall; if otherwiſe, it will hinder the ſwiftneſs of his courſe: likewiſe he muſt have long Legs, thin and ſoft Hairs. And theſe muſt the Huntſman lead on the left hand, if he be afoot; and on the right, if on Horſe-back.

The beſt time to try them and train them to their Game, is at twelve Moneths old; yet ſome begin ſooner with them, that is, at ten Moneths if they are Males, and at eight if Females: yet it is ſureſt not to ſtrain them, or permit them to run a long Courſe, till they be twenty Moneths old. Keep them alſo in the Slip while they are abroad, until they can ſee their Courſe; and looſen not a young Dog, until the Game have been on foot for a good ſeaſon, leſt being over-greedy of the Prey, he ſtrain his Limbs too much.

The *Grey-hounds* which are moſt in requeſt among the *Germans*, are called *Windſpil*, alluding to compare their ſwiftneſs with the Wind; but the *French* make moſt account of thoſe that are bred in the Mountains of *Dalmatia*, or in any other Mountains, eſpecially of *Turkie*; for ſuch have hard Feet, long Ears, and briſtle Tails.

The *Grey-hound* (called by the Latins *Leporarius*) hath his name from the word *Gre*, which word ſoundeth *Gradus* in Latine, in Engliſh *Degree*; becauſe among all Dogs, theſe are the moſt principal, having the chiefeſt place, and being ſimply and abſolutely the beſt of the gentle kind of Hounds.

Of the HARRIER *and* TERRIER.

THe *Harrier* in Latine is called *Leverarius*, or *Sagax*; by the *Greeks*, *Ichneuten*, of tracing or chaſing by the Foot.

Nature hath endewed this Creature with an admirable gift of Smelling, and is bold and courageous in the purſuit of his Game. There are ſeveral ſorts of them, and all differ in their Services: ſome are for the *Hare*, the *Fox*, the *Wolf*, the *Hart*, the *Buck*, the *Badger*, the *Otter*, the *Polecat*, the *Weaſle*, the *Coney*, &c. ſome for one thing, ſome for another.

As for the *Coney*, we uſe not to hunt, but take it ſometimes with a Net, ſometimes with a *Ferret*, and ſometimes with a Lurcher or Tumbler. Among the ſeveral ſorts of *Harriers*, there are ſome which are apt to hunt two divers Beaſts, as the *Fox* ſometimes, and otherwhiles the *Hare*; but they hunt not with that good ſucceſs and towardneſs, who ſtick not to one ſort of Game.

The *Terrier* hunteth the *Fox* and the *Badger* or *Gray* onely: And they are called *Terriers*, becauſe they (after the manner and cuſtom of *Ferrets* in ſearching for *Coneys*) creep into the ground, and by that means affright, nip, and bite the *Fox* and the *Badger*, in ſuch ſort, that either they tear them in pieces with their Teeth, (being in the boſome of the Earth) or elſe hale and pull them by force out of their lurking Angles, dark Dungeons, and cloſe Caves; or at the leaſt, through conceived fear, drive them out of their hollow Harbours, inſomuch, if they are not taken by Net or otherwiſe, they are compelled to prepare for flight,

flight; and being desirous of the next, though not the safest, refuge, they are oft-times entrapped with Snares and Nets laid over Holes for the same purpose.

Of the LEVINER *or* LYEMMER.

THe *Leviner* is singular in Smelling, and in Swiftness incomparable. This is as it were a middle kinde between the *Harrier* and the *Grey-hound*, as well for his kinde, as the frame and shape of his Body. It is called in Latine *Levinarius*, *à Levitate*, of lightness, and therefore may well be called a *Light-hound*. This Dog, for the excellency of his Conditions, namely, Smelling, and swift Running, doth follow the Game with more eagerness, and taketh the Prey with a jolly quickness.

Of the TUMBLER.

THe word *Tumbler* undoubtedly had its derivation from the French word *Tumbier*, which signifies to Tumble; to which the Latine name agrees, *Vertagus*, from *Vertere* to turn; and so they do: for in hunting they turn and tumble, winding their Bodies about circularly, and then fiercely and violently venturing on the Beast, do suddenly gripe it at the very entrance or mouth of their Holes or Receptacles, before they can make any recovery of self-security.

This Dog useth another craft and subtilty, namely,

when he runneth into a Warren, or fetcheth a courſe about a *Coney*-borough, he hunts not after them, he no ways affrights them, he ſhews no ſpight againſt them; but diſſembling friendſhip, and pretending favour, paſſeth by with ſilence and quietneſs, marking their Holes diligently, wherein he ſeldom is deceived. When he cometh to a place where there is a certainty of *Coneys*, he coucheth down cloſe with his Belly to the ground, provided always by his Skill and Policy that the Wind be againſt him in that Enterprize, and that the *Coneys* diſcover him not where he lurketh; by which means he gets the benefit of the ſcent of the *Coneys*, which is carried to him by the Wind and Air, either going to their Holes, or coming out, either paſſing this way, or running that way; and ſo ordereth the buſineſs by his circumſpection, that the ſilly *Coney* is debarred quite from his Hole, (which is the Haven of their hope, and the Harbour of their ſafety) and fraudulently circumvented and taken before they can get the advantage of their Holes. Thus having caught his Prey, he carrieth it ſpeedily to his Maſter, waiting his Dogs return in ſome convenient lurking corner.

Theſe Dogs are ſomewhat leſſer than the Hounds, being lanker, leaner, and ſomewhat prick-ear'd. By the form and faſhion of their Bodies they may be juſtly called *Mungrel-Grey-hounds*, if they were ſomewhat bigger. But notwithſtanding they countervail not the *Grey-hound* in greatneſs, yet will he take in one days ſpace as many *Coneys* as ſhall ariſe to as big a burthen, and as heavy a load as a Horſe can carry: For Craft and Subtilty are the Inſtruments whereby he maketh this ſpoil, which pernicious properties ſupply the places of more commendable qualities.

Let this ſuffice for a taſte: now, after ſuch Dogs as ſerve Hunting, will follow ſuch as ſerve for Hawking and

and Fowling; among which, the principal and chiefeſt is the *Spaniel*, called in Latine *Hiſpaniolus*, borrowing his name from *Hiſpania*; wherein we Engliſh-men, not pronouncing the Aſpiration *H*, nor the Vowel *I*, for quickneſs and readineſs of ſpeech, ſay, *Spaniel*.

Of the SPANIEL.

THere are two ſorts of Dogs which neceſſarily ſerve for Fowling. The firſt findeth Game on the Land, the other on the Water. Such as delight on the Land, play their parts either by ſwiftneſs of foot, or by often queſting to ſearch out and to ſpring the Bird for further hope of reward, or elſe by ſome ſecret ſigne and privy token, diſcover the place where they fall. The firſt kinde of ſuch ſerve the *Hawk*; the ſecond, the Net or Train. The firſt kinde have no peculiar names aſſigned them, except they are named after the Bird which by natural appointment he is allotted to take; for which conſideration, ſome are called Dogs for the *Falcon*, the *Pheaſant*, the *Partridge*, and ſuch-like: they are commonly called by one name, *viz. Spaniels*, as if they originally came from *Spain*.

The *Spaniel*, whoſe ſervice is required in Fowling on the Water, partly through natural inclination, and partly by diligently teaching, is properly called *Aquaticus*, as *Water-Spaniel*, b cauſe he hath uſual recourſe to the Water, where all his Game lieth, namely, Water-fowl, which are taken by their help in their kinde.

His ſize is ſomewhat big, and of a meaſurable greatneſs, having long, rough, and curled Hair, which

muſt

muſt be clipt in due ſeaſon: for by leſſening that ſuperfluity of Hair, they become more light and ſwift, and are leſs hindred in ſwimming. *Ducks* and *Drakes* are his principal Game; whereupon he is likewiſe named a Dog for a *Duck*, becauſe in that quality he is excellent.

of the WHITE-HOUND.

THoſe Hounds which are all of one colour, as all white, are the beſt Hounds; in like manner thoſe which are ſpotted with red: but thoſe which are ſpotted with a dun colour, are of little value, being faint-hearted, and cannot endure much labour. But ſhould they happen to be whelpt coal-black, which is but ſeldom, they commonly prove incomparable Hounds. But if white Hounds are ſported with black, experience tells us, they are never the beſt *Hare*-hunters. White, and black and white, and grey ſtreak'd white, are alſo the moſt beautiful.

of FALLOW-HOUNDS.

THey are hardy, and of good ſcent, keeping well their Chace without change; but not ſo ſwift as the white. They are of a ſtrong conſtitution, and do not fear the Water; running ſurely, and are very hardy, commonly loving the *Hart* beyond any other Chaſe.

The beſt complexion for theſe *Fallow-hounds*, is the lively

lively red, and ſuch as have a white ſpot in their Forehead, or have a Ring about their Neck: but thoſe which are yellowiſh, and ſpotted with black or dun, are of little eſtimation. Theſe which are well joynted, having good Claws, are fit to make Blood-hounds: and thoſe which have ſhagged Tails, are generally ſwift runners. Theſe Hounds are fitter for Princes than private Gentlemen, becauſe they ſeldom run more than one Chace; neither have they any great ſtomack to the *Hare* or other ſmall Chaſes: and, which is worſt of all, they are apt to run at tame Beaſts.

Of the DUN-HOUND.

THeſe are good for all Chaſes, and therefore of general uſe. The beſt coloured are ſuch as are dun on the Back, having their four quarters tann'd, or of the complexion of a *Hare*'s Legs: But if the Hair on the Back be black, and their Legs freckled with red and black, they then uſually prove excellent Hounds: and indeed there are few dun-coloured to be found bad; the worſt of them are ſuch whoſe Legs are of a whitiſh colour. It is wonderful, in theſe creatures, to obſerve how much they ſtick upon the knowledge of their Maſter, eſpecially his Voice, and Horn, and none's elſe. Nay, farther, they know the diſtinct Voices of their Fellows, and do know who are Babblers and Liars, and who not; and will follow the one, and not the other.

Now for Hounds, the Weſt-country, *Cheſhire*, & *Lancaſhire*, with other Wood-land and Mountainous Countries, breed our *Slow-hound*; which is a large, great Dog, tall and heavy. *Worceſter-ſhire*, *Bedford-ſhire*, and

and many well-mixt ſoils, where the Champaign and Covert are of equal largeneſs, produce a middle-ſized Dog, of a more nimble compoſure than the former. Laſtly, the North-parts, as *York*-ſhire, *Cumberland*, *Northumberland*, and many other plain Champaigne Countries, breed the Light, Nimble, Swift, Slender, Fleet Hound. After all theſe, the little Beagle is attributed to our Country, this is that Hound, which in Latine is called *Canis Agaſæus*, or the *Gaze-hound*. Beſides our Maſtiff, which ſeems to be an *Indigena*, or Native of *England*, we train up moſt excellent Grey-Hounds, (which ſeem to have been brought hither by the *Galls*) in our open Champaigns. All theſe Dogs have deſerved to be famous in adjacent and remote Countries, whither they are ſent for great rarities, and ambitiouſly ſought for by their Lords and Princes; although onely the fighting Dogs ſeem to have been known to the antient Authors; and perhaps in that age Hunting was not ſo much cultivated by our own Country-men.

The marks of a good and fair Hound.

His Head ought to be of a middle proportion, rather long than round; his Noſtrils wide; his Ears large; his Back bowed; the Fillets great; the Haunche large; the Thighs well truſſed; the Ham ſtraight; the Tail big near the Reins, and the reſt ſlender to the end; the Leg big; the Soal of the Foot dry, and formed like a *Fox*'s, with the Claws great.

Of

Of the Election of a Dog and Bitch for good Whelps.

Your Bitch muſt come of a good kinde, being ſtrong, and well-proportioned in all parts, having her Ribs and Flanks great and large. Let the Dog that lines her be of a good tair breed; and let him be young, if you intend to have light and hot Hounds: for if the Dog be old, the Whelps will participate of his dull and heavy nature.

If your Bitch grow not naturally Proud ſo ſoon as you would have, you may make her ſo, by taking two heads of Garlick, half a Caſtor's Stone, the juice of Creſſes, and about twelve Spaniſh Flies, or Cantharides: boil theſe together in a Pipkin which holds a pint, with ſome Mutton, and make Broth thereof; and of this give to the Bitch twice or thrice, and ſhe will infallibly grow proud. The ſame Pottage given to the Dog, will make him deſirous of copulation.

When your Bitch is lined, and with Puppy, you muſt not let her hunt, for that will be the way to make her caſt her Whelps; but let her unconfined walk up and down in the Houſe and Court, and never lock her up in her Kennel; for ſhe is then impatient of food; and therefore you muſt make her ſome hot Broth once a day.

If you would ſpay your Bitch, it muſt be done before ſhe ever had Litter of Whelps: And in ſpaying her, take not away all the Roots or Strings of the Veins; for if you do, it will much prejudice her Reins, and hinder her ſwiftneſs ever after: but by leaving ſome behinde, it will make her much the ſtronger and more hardy. Whatever you do, ſpay her not when ſhe is proud; for that will endanger her life: but you may do

it

it fifteen days after. But the beſt time of all is, when the Whelps are ſhaped within her.

How to enter young Hounds to hunt the Hart; *and what Quarries and Rewards you ſhall give them.*

Having firſt taught your Hounds to know your Hallow, and the ſound of your Horn, then, about eighteen moneths old, you muſt lead them once a Week into the fields, and not oftner.

The beſt manner to teach your Hounds, is to take a live *Hare*, and trail her after you upon the Earth, now one way, now another; and ſo, having drawn it a convenient ſpace, hide it in the Earth: afterward ſet forth your Hound neer the Trail, who taking Wind, runneth to and fro neer the Woods, Fields, Paſtures, Path-ways, and Hedges, until he finde which way the *Hare* is gone; but with a ſoft and gentle pace, until at length coming neer the lodged *Hare*, he mendeth his pace, and beſtirreth himſelf more ſpeedily, leaping on his Prey, and killing it, loadeth himſelf with his conqueſt, and bringing it to his Maſter with Triumph, he muſt receive both Dog and it with all tokens of love into his Boſom.

When you hunt, let your *Hart* be in prime of greaſe, for then he is heavier than in *April* or *May*, and cannot ſtand up ſo long.

Then chuſe your Foreſt wherein the Relays are of equal proportion: then place all your young Hounds with five or ſix old to enter them; and then lead them to the fartheſt and laſt Relay, and cauſe the *Hart* to be hunted unto them. Being come up, uncouple your old Hounds; and having found the Track of the *Hart*, being well entered in cry, uncouple likewiſe your young

young Hounds: and if you finde any of them lag behinde, you muſt beat or whip them forward.

In what place ſoever you kill the *Hart*, immediately flay his Neck, and reward your Hounds: for it is beſt whilſt it is hot ſo to do.

There are ſeveral ways of entring Hounds. As firſt, by taking a *Hart* in Nets, and after you have cut off one of his Feet, let him go: a quarter of an hour after, aſſemble your young Hounds; and having found out the View or Slot of the *Hart* or *Buck* by your Blood-hounds, uncouple your young Hounds, and let them hunt. Secondly, you may bring them to quarry, by taking half a dozen Huntſmen, ſwift of foot, each whereof ſhall have two couple to lead in Liams; and having unlodg'd the *Hart*, purſue him fair and ſoftly, ſo that you tire not too much your young Hounds. After the *Hart* hath ran two or three hours, and that you finde he begins to ſink, you may then caſt off your young Hounds: but beware it be not when he is at Bay, and his Head full ſummed; for ſo you may endanger the lives of your Hounds.

But the beſt way of entring Hounds is at the Hare; for thereby they will learn all Doubles and Turns, better know the Hallow, will be more tender-noſed, and better ſcented, by uſing the beaten ways and Champion grounds.

Here note, that with whatſoever you firſt enter your Hounds, and therewith reward them, they will ever after love that moſt. Wherefore, if you intend them for the *Hart*, enter them not firſt with the *Hinde*. And for the better hunting the *Hart*, enter not your young Hounds within a Toil; for there a *Hart* doth nothing but turn and caſt about, ſince he cannot run end-long, and ſo they are always in ſight of him. If then afterwards you ſhould run him at force out of a Toil, and at length, and out of ſight, you will finde the Hounds to give him over quickly. Laſtly,

Laſtly, enter not your Hounds nor teach them in the Morning; for if ſo, you will finde them apt to give over in the heat of the day.

Of COURSING *with* Grey-Hounds.

I Need not declare the Excellencies which are contained in the noble and worthy Exerciſe of Courſing with *Grey-hounds*, ſince it is ſo well known to all Gentlemen who take delight in this pleaſant and healthy Paſtime: I ſhall therefore onely inſiſt upon the breed of *Grey-hounds*, their Shape, their Diet, and the Laws belonging to the ſame, according as they were commanded, allowed, and ſubſcribed by the Duke of *Norfolk*, in the Reign of Queen *Elizabeth*.

Firſt, for the Breeding of *Grey hounds*, in this you muſt have reſpect to the Country, which ſhould be Champain, Plain, or high Downs. The beſt Valleys are thoſe of *Belvoir*, *White-horſe*, and *Eviſholm*, or any other where there are no Coverts, ſo that a *Hare* may ſtand forth and endure a Courſe of two or three miles: as for high Downs or Heaths, the beſt are about *Marlborough*, *Salisbury*, *Cirenceſter*, and *Lincoln*.

Though theſe places are very commodious for the breeding and training up of *Grey hounds*; yet, in my opinion, the middle, or moſt part arable grounds are the beſt: and yet thoſe Gentlemen who dwell on Downs or plain grounds, to keep up the reputation of their own Dogs, affirm, that they are more nimble and cunning in turning than the Vale-dogs are: and Mr. *Markham* confeſſeth that he hath ſeen a Vale-dog ſo much deceived, that upon a turn he hath loſt

loſt more ground than hath been recoverable in the whole Courſe after: however, with a little care, in a ſhort time this errour may be rectified; and then you will experimentally finde *The good Dogs upon the Deeps will ever beat the good Dogs upon the Plains.*

It is a received opinion, that the *Grey-hound*-Bitch will beat the *Grey-hound*-Dog, by reaſon ſhe excelleth him in nimbleneſs: but if you conſider that the Dog is longer and ſtronger, you muſt look upon that opinion no more than as a vulgar errour.×

Here note, as to the breeding of your *Grey-hounds*, that the beſt Dog upon an indifferent Bitch, will not get ſo good a Whelp as an indifferent Dog upon the beſt Bitch.

Obſerve this in general as to breeding, let your Dogs and Bitches, as near as you can, be of an equal age, not exceeding four years old: however, to breed with a young Dog and an old Bitch, may be the means of producing excellent Whelps, the goodneſs whereof you ſhall know by their Shapes in this manner.

If they are raw-bon'd, lean, looſe-made, ſickle or crooked-hough'd, and generally unknit in every Member; theſe are the proper marks of excellent ſhape and goodneſs: but if after three or four months they appear round and cloſe-truſt, fat, ſtraight, and as it were full ſummed and knit in every Member, they never prove good, ſwift, nor comely.

The goodneſs of ſhape in a *Grey-hound* after a year and a half old, is this: his Head muſt be lean and long, with a ſharp Noſe, ruſh-grown from the Eye downward; a full clear Eye, with long Eye-lids; a ſharp Ear, ſhort and cloſe falling; a long Neck a little bending, with a looſe hanging Weaſand; a broad Breaſt, ſtraight Fore-legs, hollow Side, ſtraight Ribs; a ſquare flat Back, ſhort and ſtrong Fillets, a broad ſpace between the Hips, a ſtrong Stern or Tail, a round Foot, and good large Clefts.

× The great good thing must beat the little good thing.

The Dieting of *Grey-hounds* conſiſts in theſe four things: *Food*, *Exerciſe*, *Airing*, and *Kennelling*.

Food of a *Grey-hound* is two fold: general, that is, the maintaining of a Dog in good bodily condition; and particular, when the Dog is dieted for a Wager, or it may be for ſome Diſtemper he is afflicted with.

A *Grey-hound*'s general Food ought to be Chippings, Cruſts of Bread, ſoft Bones and Griſtles. Your Chippings ought to be ſcalded in Beef, Mutton, Veal or Veniſon-Broth; and when it is indifferent cool, then make your Bread onely float with good Milk, and give it your *Grey-hounds* Morning and Evening; and this will keep them in good ſtate of body.

But if your Dog be poor, ſickly, and weak, then take Sheeps-heads, Wooll and all, clean waſh'd, and having broken them to pieces, put them into a Pot; and when it boils, ſcum the Pot, and put therein good ſtore of Oatmeal, and ſuch Herbs as Pottage is uſually made of; boil theſe till the Fleſh be very tender: then with the Meat and Broth feed your Dogs Morning and Evening, and it will recover them.

If you deſigne your *Grey-hound* for a Wager, then give him this Diet-bread: Take half a peck of the fineſt and drieſt Oat-meal, and a peck of good Wheat, having ground them together, boult the Meal, and ſcattering an indifferent quantity of Liquoriſh and Anniſeeds well beaten together; knead it up with the Whites of Eggs, new Ale and Barm mix'd together, and bake it in ſmall Loaves indifferent hard; then take it and ſoak it in Beef or any of the aforeſaid Broths; and half an hour after Sun-riſing, and half an hour before its ſetting, having firſt walkt and air'd your *Grey-hound*, give it him to eat. This will not onely increaſe his ſtrength, but enlarge his Wind.

Having thus ſpoken of a *Grey-hound*'s Feeding, either

either generally or particularly, either for keeping him in health, or reſtoring it when it is loſt, I ſhall in the next place proceed to his Exerciſe; and this likewiſe conſiſts in two things, that is, Courſing, and Airing.

As to the firſt, he ought to be Courſed thrice a week, in ſuch manner that you uſually reward him with Blood, which will animate and encourage him to proſecute his Game: but be not unmindful to give the *Hare* all juſt and lawful advantage, ſo that ſhe may ſtand long before the *Grey-hound*, that thereby he may ſhew his utmoſt ſtrength and skill before he reap the benefit of his labour.

If he kill, ſuffer him not to break the *Hare*, but take her from him; and having cleans'd his Chaps from the Wooll of the *Hare*, then give him the Liver, Lights, and Heart, and ſo take him up in your Leaſh; and having led him home, waſh his Feet with ſome Butter and Beer, and then put him into the Kennel, and feed him half an hour afterwards.

Upon your *Grey-hounds* Courſing-days, give him in the Morning before you air him, a Toaſt and Butter or Oyl, and nothing elſe; then Kennel him till he go to his Courſe.

The reaſon of Kennelling your *Grey-hounds* is this, becauſe it breeds in Dogs Luſt, Spirit, and Nimbleneſs; beſides, it prevents ſeveral dangerous Caſualties, and keeps the Pores from ſpending till time of neceſſity: and therefore do not permit your Dog to ſtir out of the Kennel but in the hours of Feeding, Walking, Courſing, or other neceſſary buſineſs.

The Laws of the Leaſh or Courſing.

Though the Laws of Courſing may alter according to ſome mens ſwaying Fancies; yet theſe, ſub-

ſcribed by the chief of the Gentry, were ever held authentical. Take them thus in order, according to my collection out of Mr. *Markham*.

First, it was ordered, that he who was choſen *Fewterer*, or Letter-looſe of the *Grey-hounds*, ſhould receive the *Grey-hounds* Match to run together into his Leaſh as ſoon as he came into the Field, and follow next to the *Hare-finder* till he came unto the Form: and no Horſe-man or Foot-man, on pain of diſgrace, to go before them, or on any ſide, but directly behinde, the ſpace of forty yards or thereabouts.

2. That not above one Brace of *Grey-hounds* do courſe a *Hare* at one inſtant.

3. That the *Hare-finder* ſhould give the *Hare* three *Soboe's* before he put her from her *Lear*, to make the *Grey-hounds* gaze and attend her riſing.

4. That the *Fewterer* ſhall give twelve-ſcore Law ere he looſe the *Grey hounds*, except it be in danger of loſing ſight.

5. That Dog that giveth the firſt *Turn*, if after the Turn be given there be neither *Coat*, *Slip*, nor *Wrench* extraordinary; I ſay, he which gave the firſt *Turn* ſhall be held to win the Wager.

6. If one Dog give the firſt *Turn*, and the other bear the *Hare*, then he which bare the *Hare* ſhall win.

7. If one give both the firſt and laſt *Turn*, and no other advantage be between them, the odde *Turn* ſhall win the Wager.

8. That a *Coat* ſhall be more than two *Turns*, and a *Go-by*, or the *Bearing* of the *Hare* equal with two *Turns*.

9. If neither Dog turn the *Hare*, then he which leadeth laſt at the *Covert* ſhall be held to win the Wager.

10. If one Dog turn the *Hare*, ſerve himſelf, and turn

turn her again, thoſe two *Turns* ſhall be as much as a *Coat*.

11. If all the Courſe be equal, then he which *bears* the *Hare* ſhall win onely; and if ſhe be not *born*, the Courſe muſt be adjudged dead.

12. If he which comes firſt in to the death of the *Hare* takes her up, and ſaves her from breaking, cheriſheth the Dogs, and cleanſeth their Mouths from the Woll, or other filth of the *Hare*, for ſuch courteſie done he ſhall in right challenge the *Hare*: but not doing it, he ſhall have no Right, Priviledge, or Title therein.

13. If any Dog ſhall take a fall in the Courſe, and yet perform his part, he ſhall challenge the advantage of a *Turn* more than he giveth.

14. If one Dog turn the *Hare*, ſerve himſelf, and give divers *Coats*, yet in the end ſtand ſtill in the field, the other Dog, without *Turn* giving, running home to the *Covert*; that Dog which ſtood ſtill in the field ſhall be adjudged to loſe the Wager.

15. If any man ſhall ride over a Dog, and overthrow him in his Courſe, (though the Dog were the worſe Dog in opinion, yet) the party for the offence ſhall either receive the diſgrace of the Field, or pay the Wager; for between the *Parties* it ſhall be adjudged no Courſe.

16. Laſtly, thoſe which are choſen *Judges* of the *Leaſh* ſhall give their judgements preſently before they depart from the Field, or elſe he in whoſe default it lieth ſhall pay the Wager by a general Voice and Sentence.

Here note, that it lieth in the power of him that hath the office of the Leaſh conferred on him, to make Laws according to the Cuſtoms of Countries, and the Rule of Reaſon.

Of the Stiles of Hunting different from the Engliſh both Antique and Forrein.

THe Hunting uſed by the Antients was much like that way which is at preſent taken with the *Rain-Deer*, which is ſeldom hunted at force or with Hounds, but onely drawn after with a Blood-hound, and foreſtall'd with Nets and Engines. So did they with all Beaſts, and therefore a Dog is never commended by them for opening before he hath by ſignes diſcovered where the beaſt lieth in his *Layre*, as by their drawing ſtiff our Harbourers are brought to give right judgement. Therefore I do not finde that they were curious in the Muſick of their Hounds, or in a compoſition of their Kennel or Pack, either for deepneſs, or loudneſs, or ſweetneſs of cry like to ours. Their Huntſmen were accuſtomed to ſhout and make a great noiſe, as *Virgil* obſerves in the third of his *Georgicks*:

Ingentem clamore premes ad retia Cervum.

So that it was onely with that confuſion to bring the *Deer* to the Nets laid for him.

But we comfort our Hounds with loud and courageous Cries and Noiſes, both of Voice and Horn, that they may follow over the ſame way that they ſaw the *Hart* paſs, without croſſing or coaſting.

The *Sicilian* way of Hunting was thus: when the Nobles or Gentry were informed which way a Herd of *Deer* paſſed, giving notice to one another, they appointed a meeting, and every one brought with him

him a Croſs-bow, or a Long-bow, and a bundle of Staves. Theſe Staves had an Iron-ſpike at the bottom, and their Head is bored, with a Cord drawn through all of them; their length is about four foot: Being thus provided, they come to the Herd, and there caſting themſelves about into a large Ring, they ſurround the *Deer*; and then every one of them recieves a peculiar ſtand, and there, unbinding his Faggot, ties the end of his Cord to the other who is ſet in the next ſtation; then to ſupport it, ſticks into the ground each Staff, about the diſtance of ten foot one from the other. Then they take out Feathers, which they bring with them, died in Crimſon for this very purpoſe, and faſtned upon a Thred which is tied to the Cord, ſo that with the leaſt breath of Wind they are whirled round about. Thoſe which keep the ſeveral Stands, withdraw and hide themſelves in the next Covert. After this, the chief Ranger enters within the Line, taking with him onely ſuch Hounds which draw after the Herd; and coming near with their cry, rouze them: Upon which the *Deer* fly till they come towards the Line, where they turn off towards the left, and ſtill gazing upon the ſhaking and ſhining Feathers, wander about them as if they were kept in with a Wall or Pale. The chief Ranger purſues, and calling to every one by name, as he paſſeth by their Stand, cries to them, that they ſhoot the firſt, third, or ſixth, as he ſhall pleaſe; and if any of them miſs, and ſingle out any other than that which was aſſigned by the Ranger, it is counted a diſgrace to him: by which means, as they paſs by the ſeveral Stations, the whole Herd is killed by ſeveral hands. This Relation is of undoubted truth, as you may finde it in *Pierius* his *Hieroglyphicks*, Lib. 7. Chap. 6.

Boar-hunting is very uſual in *France*, and they call it *Sanglier*. In this ſort of hunting the way is to

uſe furious terrible Sounds and Noiſes, as well of Voice as of Horn, to make the Chaſe turn and fly; becauſe they are ſlow, and truſt to their Tusks and defence: which is *Agere Aprum*, to bait the *Boar*. Yet this muſt be done after his Den or Hold is diſcovered, and the Nets be pitched.

The Huntſ-men give judgement of the *Wild-boar* by the print of his Foot, by his Rooting. A wilde Swine roots deeper than our ordinary Hogs, becauſe their Snouts are longer; and when he comes into a Corn-field, (as the *Caledonian-Boar* in *Ovid*) turns up one continued Furrow, not as our Hogs, routing here and there; and then by his ſoil he ſolls and wallows him in the myre: theſe are his *Volutabra Silveſtria*, where his greatneſs is meaſured out; then coming forth, he rubs againſt ſome Tree, which marks his height; as alſo when he ſticks his Tusk into it, that ſhews the greatneſs thereof. They obſerve the bigneſs of his Leſſes, and the depth of his Den; where note, that they call his Dung by the name of *Leſſes*.

Whenſoever the *Boar* is hunted and ſtands at Bay, the Huntſ-men ride in, and with Swords and Spears ſtriking on that ſide which is from their Horſes, wound or kill him. This is in the French hunting; but the antient *Romans* ſtanding on foot, or ſetting their Knees to the ground, and charging directly with their Spear, did *Opponere ferrum*, and *Excipere Aprum*: for ſuch is the nature of a *Boar*, that he ſpits himſelf with fury, running upon the Weapon to come at his Adverſary; and ſo, ſeeking his revenge, he meets with his own deſtruction.

Though theſe Wild-*Boars* are frequent in *France*, we have none in *England*; yet it may be ſuppoſed that heretofore we had, and did not think it convenient to preſerve that Game: For our old Authors of hunting reckon them amongſt the beaſts of Venery; and

we

we have the proper terms belonging to them, as you may finde them at the beginning of the Book. Of *Boar*-hunting you will read more hereafter.

There are no *Roe-Deer* in *England*; but there are plenty of them in *Scotland*, as Sir *James Lindſay* an old Scotiſh Writer teſtifies.

Yet it may be thought that they have been more common in *England*, becauſe our antient Huntſ-men acknowledge the proper terms for this Chaſe; and in the firſt place we have diſtinct Ages for theſe *Dorces*, which you ſhall finde in the Terms aforeſaid. They make good Chaſe, ſtand long, and fly end-way. *Comptellere Dorcas*, is to force the *Bevy*, and to drive them into the *Toyls*.

Although we have no *Wolves* in *England* at this preſent, yet it is certain that heretofore we had Routs of them, as they have to this very day in *Ireland*; and in that Country are bred a race of *Grey-hounds*, (which are commonly called *Wolf-dogs*) which are ſtrong, fleet, and bear a natural enmity to the *Wolf*. Now in theſe the *Grey-hounds* of that Nation there is an incredible force and boldneſs, ſo that they are in great eſtimation, and much ſought after in forrein parts, ſo that the King of *Poland* makes uſe of them in his hunting of great Beaſts by force. Wherefore it may well be intended of the great fierceneſs which theſe Dogs have in aſſaulting, that when the *Romans* ſaw them play, they thought them ſo wonderful violent, as that they muſt needs have been *Ferreis caveis advecti*, brought up in Iron Dens.

In *Poland* when the King hunts, his ſervants are wont to ſurround a Wood, though a Mile in compaſs, with Toyls which are pitched on firm Stakes. This being done, the whole Town, all Sexes and Ages promiſcuouſly ruſh into the Incloſure, and with their loud ſhouts rear all the Beaſts within that Wood; which making

making forth, are intercepted in the Nets. Their ſmall and great Beaſts are entangled together, after the ſame manner as when amongſt us we draw a Net over a Pond, and after beating it all over with Poles, we bring out not onely *Pike* and *Carp*, but leſſer Fry; ſo they incloſe at once *Deer*, *Boar*, *Roe-buck*, and *Hare*: For ſo they order their Nets, that the ſpace of thoſe Meſhes which are twiſted with greater Cords, for the entangling of greater Beaſts, that ſpace, I ſay, is made up with ſmaller Whip-cord, for the catching ſmaller Prey.

He hath a great race of Engliſh Maſtiffs, which in that Country retain their generoſity, and are brought up to play upon greater Beaſts. It is not counted among them diſagreeable to the Laws of the Chaſe, to uſe Guns. I ſhall now proceed to the manner of Engliſh-hunting both antient and modern, according to the beſt information I could gather either out of Books, experienced Huntſ-men, and my own practice.

Of Hart-*hunting*.

A *Hart* can naturally ſwim a great way; inſomuch that I have heard of ſome ſo ſore hunted in Foreſts near the Sea, that they have plung'd into it, and have been killed by Fiſher-men a dozen miles from land.

It is reported of them when they go to Rut, and muſt for that purpoſe croſs ſome great River or Arm of the Sea, they aſſemble in great Herds, the ſtrongeſt goes in firſt, and the next of ſtrength follows him, and ſo one after the other, relieving themſelves by ſtaying

laying their Heads on the Buttocks of each other.

The *Hinde* commonly carries her Calf eight or nine moneths, which uſually falls in *May*, although ſome later: ſome of them have two at once, eating the Skin up wherein the Calf did lie.

As the Calf grows up, ſhe teacheth it to run, leap, and the way it muſt keep to defend it ſelf from the Hounds.

Harts and *Hindes* are very long-liv'd, living commonly an hundred years and upwards.

The Nature of a Hart.

The *Hart* is ſtrangely amazed when he hears any one call, or whiſtle in his Fiſt; For trial of which, ſome ſeeing a *Hart* in the Plain in motion, have called after him, ſaying, *Ware*, *Ware*, or *Take heed*; and thereupon have ſeen him inſtantly turn back, making ſome little ſtand. He heareth very perfectly when his Head and Ears are erected; but heareth imperfectly when he holdeth them down. When he is on foot, and not afraid, he wonders at every thing he ſeeth, and taketh pleaſure to gaze at them.

They bear ſometimes few, and ſometimes more Croches; and that is the reaſon that many men have erred in their judgements as to their age.

Harts are bred in moſt Countries; but the Antients do prefer thoſe of *Britain* before all others, where they are of divers colours.

Theſe do excel all others in the beauty of Horns; which are very high, yet do not grow to their Bones or Scalps, but to their Skin, branching forth into many Speers, being ſolid throughout, and as hard as Stones, and fall off once a year: but if they remain abroad in the Air, and that thereby they are ſometimes

wet

wet and dry, they grow as light as any vaniſhing or other ſubſtance, as I have proved by experience, finding ſome which have been loſt by them in the Woods; wherefore I gather, that they are of an earthly ſubſtance, concrete, and hardned with a ſtrong heat, made like unto Bones. They loſe theſe Horns every year in the Spring. At one year old they have nothing but Bunches, that are ſmall ſignificators of Horns to come: at two years they appear more perfectly, but ſtraight and ſimple: at three years they grow into two Spears: at four, into three; and ſo increaſe every year in their Branches till they be ſix; and above that time their age is not certainly to be diſcerned by their Head.

Having loſt their Horns in the day-time, they hide themſelves, inhabiting the ſhades, to avoid the annoyance of Flies, and feed, during that time onely, in the night. Their new Horns come out at firſt like Bunches, and afterwards (as I ſaid before) by the increaſe of the Sun's heat they grow more hard, covered with a rough Skin, which is called a *Velvet-head*; and as that Skin drieth, they daily try the ſtrength of their new Heads upon Trees; which not onely ſcrapeth off the roughneſs, but by the pain they feel thus rubbing them, they are taught how long to forbear the company of their fellows: for at laſt, when in their chafing and fretting of their new Horn againſt the Tree they can feel no longer pain and ſmart in them, they take it for high time to forſake their ſolitary dwellings, and return again to their former condition.

The reaſons why *Harts* and *Deers* do loſe their Horns yearly, are theſe: Firſt, becauſe of the matter whereof they conſiſt; for it is dry and earthy, like the ſubſtance of green Leaves which have an yearly fall, likewiſe, wanting glewing or holding moiſture to

to continue them; wherefore the Horn of a *Hart* cannot be bent. Secondly, from the place they grow upon; for they are not rooted upon the Skull, but onely within the Skin. Thirdly, from the efficient cauſe; for they are hardned both with the heat of Summer, and cold of Winter; by means whereof the Pores to receive their nouriſhing Liquor are utterly ſhut up and ſtopped, ſo as of neceſſity their native heat dieth; which falleth not out in other Beaſts, whoſe Horns are for the moſt part hollow, and fitted for longer continuance; but theſe are of leſſer, and the new Bunches ſwelling up towards the Spring, do thruſt off the old Horns, having the aſſiſtance of Boughs of Trees, weight of the Horns, or by the willing excuſſion of the Beaſt that beareth them.

It is obſerved, that when a *Hart* pricketh up his Ears, he windeth ſharp, very far, and ſure, and diſcovereth all treachery againſt him; but if they hang down and wag, he perceiveth no danger. By their Teeth is their Age diſcerned, and they have four on both ſides wherewith they grinde their meat, beſides two other, much greater in the Male than in the Female. All theſe Beaſts have Worms in their Head underneath their Tongue, in a hollow place where the Neck-bone is joyned to the Head, which are no bigger than Fly-blows. His Blood is not like other Beaſts, for it hath no fibres in it, and therefore it is hardly congealed. His Heart is very great, and ſo are all thoſe of fearful Beaſts, having in it a Bone like a Croſs. He hath no Gall, and that is one of the cauſes of the length of his life; and therefore are his Bowels ſo bitter, that the Dogs will not touch them unleſs they be very fat. The Genital-part is all nervy; the Tail ſmall; and the *Hinde* hath Udders betwixt her Thighs, with four Speans like a Cow. Theſe are above all other four-footed Beaſts, both

ingenious

ingenious and fearful, who although they have large Horns, yet their defence againſt other four-footed Beaſts is to run away.

And now if you will credit *Geſner* as a Huntſ-man, pray here obſerve what account he gives of hunting the *Hart: This wilde deceitful and ſubtile Beaſt* (ſays he) *by windings and turnings does often deceive its Hunter, as the Harts of* Meandros *flying from the terrible cry of* Diana's *Hounds.* Wherefore the prudent Hunter muſt frame his Dogs as *Pythagoras* did his Scholars, with words of Art to ſet them on, and take them off again at his pleaſure; wherefore he muſt firſt of all compaſs in the Beaſt *(en ſon giſte)* in her own Layr, and ſo unharbour her in the view of the Dogs, that ſo they may never loſe her Slot or Footing: neither muſt he ſet upon every one, either of the Herd or thoſe that wander ſolitary alone, or a little one; but partly by ſight, and partly by their Footing and Fumets, judge of their Game; alſo he muſt obſerve the largeneſs of his Layr. Being thus informed, then *Diſcouples les chiens*, take off your Dog-Couplings; and ſome on Horſe-back, others on foot, follow the Cry with greateſt art, obſervation and ſpeed, remembring and preventing *(cer fruze)* the ſubtile turnings and headings of the *Hart*; ſtraining with all dexterity to leap Hedge, Pale, Ditch, nay Rocks; neither fearing Thorns, down Hills, nor Woods, but providing freſh Horſe if the firſt tire, follow the largeſt Head of the whole Herd, which you muſt endeavour to ſingle out for the Chaſe; which the Dogs perceiving muſt follow, taking for a prohibition to follow any other.

The Dogs are animated by the winding of Horns, and voices of the Huntſ-men, like Souldiers to the Battle, by the noiſe of Trumpets and other Warlike Inſtruments. But ſometimes the craſty great Beaſt ſendeth

ſendeth forth his little Squire to be ſacrificed to the Dogs and Huntſ-men, inſtead of himſelf; lying cloſe in the mean time: Then muſt a Retreat be ſounded, and (*rompre le chiens*) the Dogs be broken off, and taken in (*le Limier*) that is, Leame again, until they be brought to the fairer Game; who ariſeth in fear, yet ſtill ſtriveth by flight, until he be wearied and breathleſs.

The Nobles call this Beaſt (*Cerf ſage*) a wiſe *Hart*, who, to avoid all his Enemies, runneth into the greateſt Herds, and ſo bringeth a Cloud of errour on the Dogs, to keep them from further proſecution; ſometimes alſo beating ſome of the Herd into his Footings, that ſo he may the more eaſily eſcape, and procure a Labyrinth to the Dogs; after which he betaketh himſelf to his Heels again, running ſtill with the Wind, not onely for refrigeration, but becauſe he may the more eaſily hear the voice of his purſuers, whether they be far or neer. At laſt, being for all this found out again by the obſervance of the Hunters, and skilful Scent of the Dogs, he flieth into the Herds of Cattle, as Cows, Sheep, *&c.* leaping on an Ox or Cow, laying the foreparts of his body thereon, that ſo touching the Earth onely with his hinder Feet, to leave a very ſmall or no ſcent at all behinde for the Hounds to deſcern.

The chief Huntſ-man to *Lewis* the twelfth, called (*le Grand Venieur*) affirmeth, that on a time, they having a *Hart* in chaſe, ſuddenly the Hounds were at a fault, ſo as the Game was out of ſight, and not a Dog would once ſtir his foot, whereat the Hunters were all amazed; at laſt, by caſting about, (as it is uſual in ſuch caſes) they found the fraud of this crafty Beaſt, which is worth the memory.

There was a great White-thorn, which grew in a ſhadowy place as high as a tree, and was environed with other ſmall ſhrubs about it; into the which the ſaid

Hart

Hart leaped, and there ſtood aloft the Boughs ſpreading from one another, and there remained till he was thruſt through by a Huntſ-man, rather than he would yield to the angry and greedy Hounds. Yet their manner is when they ſee themſelves every where intercepted, to make force at him with their Horns who firſt comes unto him, except prevented by Sword or Spear; which being done, the Hunter with his Horn windeth the fall of the Beaſt, and then every one approacheth, luring with triumph for ſuch a conqueſt, of whom the skilfulleſt openeth the beaſt, rewarding the Hounds with what properly belongeth unto them for their future encouragement; and for that purpoſe the Huntſ-men dip Bread in the Skin and Blood of the Beaſt, to give unto the Hounds their full ſatisfaction.

Veloces Spartæ catulos, acremq; Molloſſum
Paſce fero pingui, &c.

Much more might be ſaid of this preſent ſubject, which is not proper in this place; wherefore I ſhall refer you to what followeth, and your own experience.

Of the Rut of Harts.

The time of their Rutting is about the midſt of *September*, and continues two months: the older they are, the hotter, and the better beloved by the Hindes; and therefore they go to Rut before the young ones; and, being very fiery, will not ſuffer any of them to come near the *Hindes* till they have ſatisfied their Venery. But the young ones are even with the old; for when they perceive the old are grown weak by exceſs of Rutting, the young will frequently attaque them,

them, and make them quit the place, that they may be maſters of the ſport.

They are eaſily kill'd in Rutting-time: for they follow the ſcent of the *Hindes* with ſuch greedineſs, laying their Noſes to the ground, that they minde that ſolely, and nothing elſe.

They are ſuch great lovers of the ſport, it is very dangerous for any man to come near them at this ſeaſon, for then they will make at any living creature of different kind.

In ſome places, in *October* their Luſt ariſeth, and alſo in *May*; and then, whereas at other times the Males live apart from the Females, they go about like laſcivious Lovers, ſeeking the company of their Females, as it were at the market of *Venus*.

The Males in their raging deſired Luſt have a peculiar noiſe, which the French call *Reere*. One Male will cover a many Females, continuing in this carnal appetite a month or two. The Females are chaſte, and unwilling to admit of Copulation, by reaſon of the rigour of the Male's Genital; and therefore they ſink down on their Buttocks when they begin to feel his Seed, as it hath been often obſerved in Tame *Harts*; and if they can, the Females run away, the Males ſtriving to hold them back within their Fore-feet. It cannot be well ſaid, that they are covered ſtanding, lying, or going, but rather running; for ſo are they filled with greateſt ſeverity. When one month or ſix weeks is over of their Rutting, they grow tamer by much, and laying aſide all fierceneſs, they return to their ſolitary places, digging every one by himſelf a ſeveral Hole or Ditch, wherein they lie, to aſſwage the ſtrong ſavour of their Luſt; for they ſtink like Goats, and their Face beginneth to look blacker than at other times: and in thoſe places they live till ſome Showers diſtil from the Clouds; after which, they return to

their Paſture again, living in Flocks as before.

The Female, thus filled, never keepeth company again with the Male until ſhe is delivered of her burthen, which is eight months; and but one at a time, ſeldom two, which ſhe lodgeth cunningly in ſome Covert: If ſhe perceive them ſtubborn and wilde, ſhe will beat them with her Feet till they lie cloſe and quiet.

Oftentimes ſhe leadeth forth her young, teaching it to run and leap over Buſhes, Stones, and ſmall Shrubs; and ſo continueth all the Summer long, while their own ſtrength is moſt conſiderable.

It is very pleaſant to obſerve them when they go to Rut, and make their Vaut. For when they ſmell the *Hinde*, they raiſe their Noſe up into the Air, looking aloft, as though they gave thanks to the God of Nature, who gave them ſo great delight and pleaſure. And if it be a great *Hart*, he will turn his Head and look about to ſee whether there be none neer to interrupt or ſpoil his ſport. Hereat the young fly away for fear: but if there be any of equal bigneſs, they then ſtrive which ſhall Vaut firſt; and in the oppoſing each other, they ſcrape the ground with their Feet, ſhocking and butting each other ſo furiouſly, that you ſhall hear the noiſe they make with their Horns a good half mile, ſo long, till one of them is Victor. The *Hinde*, beholding this Paſtime, never ſtirs from her ſtation, expecting, as it were, the Vauting of him who hath the Maſtery; and having got it, he bellows, and then inſtantly covers her.

During the time of their Rut, they eat but very little; for they feed onely on what they ſee before them, minding more the track of the *Hindes*. Their chief meat is the red Muſhrome, which helps them to evacuate their Greaſe: they are then extraordinary hot, inſomuch, that every where as they paſs and finde Waters, they tumble and lie therein. *The*

The time of Harts *Mewing, or Caſting the Head.*

The old *Hart* caſteth his Head ſooner than the young: and the time is about the months of *February* and *March*.

Here note, that if you geld an *Hart* before he hath an Head, he will never bear any; and if you geld him when he hath it, he will never after Mew or caſt it: and ſo, if you geld him when he hath a Velvet-head, it will ever be ſo, without fraying or burniſhing.

Having caſt their Heads, they inſtantly withdraw unto the Thickets, hiding themſelves in ſuch convenient places where they may have good Water, and ſtrong Feeding, near ſome ground where Wheat or Peaſe is ſown: But young *Harts* do never betake themſelves to the Thickets till they have born their third Head, which is in the fourth year.

After they have Mewed, they will begin to Button in *March* and *April*; and as the Sun grows ſtrong, and the ſeaſon of the year puts forward the Crop of the Earth, ſo will their Heads increaſe in all reſpects: ſo that in the midſt of *June* their Heads will be ſummed as much as they will bear all the year.

Of the Coats and Colour of Harts.

The Coats of *Harts* are of three ſundry ſorts, *Brown*, *Red*, and *Fallow*; and of every of theſe Coats there proceeds two ſorts of *Harts*, the one are great, the other little.

Of brown *Harts*, there are ſome great, long, and hairy, bearing a high Head, red of colour, and well

beam'd, who will ſtand before Hounds very long, being longer of breath, and ſwifter of foot than thoſe of a ſhorter ſtature.

There are another ſort of brown *Harts*, which are little, ſhort, and well-ſet, bearing commonly a black Main, and are fatter and better Veniſon than the former, by reaſon of their better feeding in young Copſes.

They are very crafty, eſpecially when in greaſe; and will be hardly found, becauſe they know they are then moſt enquired after: beſides, they are very ſenſible they cannot then ſtand long before the Hounds. If they be old, and feed in good ground, then are their Heads black, fair, and well branched, and commonly palmed at the top.

The Fallow-*Harts* bear their Heads high, and of a whitiſh colour, their Beams ſmall, their Antliers long, ſlender, and ill-grown, having neither Heart, Courage, nor Force. But thoſe which are of a lively Red-fallow, having a black or brown Liſt down the Ridge of the Back, are ſtrong, bearing fair and high Heads, well furniſhed and beam'd.

Of the Heads and Branches of Harts, *and their diverſities.*

As there are ſeveral ſorts of *Harts*, ſo have they their Heads in a divers ſort and manner, according to their Age, Country, Reſt, and Feeding. Here note, that they bear not their firſt Head, which we call Broches, and in a Fallow-*Deer* Pricks, until they enter the ſecond year of their Age. In the third year they bear four, ſix, or eight ſmall Branches: At the fourth, they bear eight or ten: at the fifth, ten or twelve: at ſix, fourteen or ſixteen: and at the ſeventh year they bear their Heads Beam'd, Branched, and Summed with as much as ever they will bear, and do never multiply but in greatneſs onely.

How

How to know an old Hart *by the Slot, Entries, Abatures and Foils, Fewmets, Gate and Walks, Fraying-ſtocks, Head and Branches.*

I ſhall proceed in order, and firſt of the *Slot*. You muſt carefully look on the Treadings of the *Hart*'s Foot: If you find the Treadings of two, the one long, the other round, yet both of one bigneſs; yet ſhall the long Slot declare the *Hart* to be much larger than the round.

Moreover, the old *Hart*'s hind-foot doth never over-reach the fore-foot; the young one's doth.

But above all, take this Obſervation: When you are in the Wood, and have found the Slot of a *Hart*, mark what manner of Footing it is, whether worn, or ſharp; and accordingly obſerve the Country, and thereby judge whether either may be occaſioned thereby. For *Harts* bred in mountainous and ſtony Countries, have their Toes and ſides of their Feet worn, by reaſon of their continual climbing and reſting themſelves thereon, and not on the Heel: whereas in other places they ſtay themſelves more on the Heel than Toes: For in ſoft or ſandy ground they ſlip upon the Heel, by reaſon of their weight; and thus by frequent ſtaying themſelves thereon, it makes the Heel grow broader and greater. And thus you may know the age of a *Hart* by his Slot or Treading.

The next thing to be conſidered, is the Fewmiſhing; and this is to be judged of in *April* or *May*. If the Fewmets be great, large, and thick, they ſignifie the *Hart* to be old.

In the midſt of *June* and *July*, they make their Fewmets or Fewmiſhing in great Croteys, very ſoft; and from that time to the end of *Auguſt*, they make them great, long, knotty, anointed and gilded, let-

ting them fall but few and ſcattered. In *September* and *October* there is no longer judging, by reaſon of the Rut.

Thirdly, If you would know the height and thickneſs of the *Hart*, obſerve his Entries and Galleries into the Thickets, and what Boughs he hath overſtridden, and mark from thence the height of his Belly from the ground.

By the height of the Entries, we judge the age of a *Hart*: for a young *Deer* is ſuch as creeps uſually; but the old is ſtiff and ſtately.

His greatneſs is known by the height of his creeping as he paſſes to his Harbour; the young *Deer* creeping low, which the old will not ſtoop to.

Fourthly, Take notice of his Gate, by which you may know whether the *Hart* be great and long, and whether he will ſtand long before the Hounds or not. For all *Harts* which have a long ſtep will ſtand up very long, being ſwift, light, and well breath'd; but if he leave a great Slot, which is the ſigne of an old *Deer*, he will never ſtand long when he is chaſed.

Laſtly, Take notice of his Fraying-poſt: Where note, the elder the *Hart* is, the ſooner he goeth to Fray, and the greater is the Tree he ſeeketh to Fray upon, and ſuch as he cannot bend with his Head.

All *Stags* as they are burniſh'd, beat their Heads dry againſt ſome Tree or other, which is called their Fraying-poſt: The younger *Deer* againſt weaker and leſſer Trees, and lower; the elder againſt bigger and ſtronger, and Fray higher; ſo that accordingly we confidently judge of their age, and of the neerneſs of their Harbour; for that is the laſt Ceremony they uſe before they enter it.

As to the Head and Branches, the *Hart* is old, Firſt, when the compaſs of the Bur is large, great, and well pearl'd.

Secondly,

Secondly, when the Beam is great, burniſhed, and well pearl'd, being ſtraight, and not made crooked by the Antliers.

Thirdly, when the Gutters therein are great and deep.

Fourthly, when the firſt Antlier, called *Antoiller*, is great, long, and near to the Bur; the Surantlier near unto the Antlier: and they ought to be both well pearled.

Fifthly, The reſt of the Branches which are higher, being well ordered and ſet, and well grown, according to the bigneſs and proportion of the Head; and the Croches, Palm or Crown being great and large according to the bigneſs of the Beam, are the ſignes of an old *Hart*.

Now ſince many men cannot underſtand the names and diverſities of Heads according to the Terms of Hunting, I ſhall in the following Chapter give you a brief account thereof.

The Names and diverſities of Heads, according to Hunting-Terms.

The thing that beareth the Antliers, Royals, and Tops, is called the *Beam*; and the little ſtreaks therein are called *Gutters*.

That which is about the Cruſt of the Beam, is termed *Pearls*: and that which is about the Bur it ſelf, formed like little Pearls, is called *Pearls bigger than the reſt*.

The Bur is next the Head; and that which is about the Bur, is called *Pearls*. The firſt is called *Antlier*; the ſecond, *Surantlier*: All the reſt which grow afterwards, until you come to the Crown, Palm, or Croche, are called *Royals*, and *Sur-royals*: The little Buds or Broches about the Top, are called *Croches*.

Their Heads go by ſeveral Names: The firſt Head is called a *Crowned Top*, becauſe the Croches are ranged in form of a Crown.

The ſecond is called a *Palmed Top*, becauſe the Croches are formed like a mans Hand.

Thirdly, all Heads which bear not above three or four, the Croches being placed aloft, all of one height, in form of a cluſter of Nuts, are to be called *Heads* of ſo many *Croches*.

Fourthly, all Heads which bear two in the Top, or having their Croches doubling, are to be called *Forked Heads*.

Fifthly, all Heads which have double Burs, or the Antliers, Royals, and Croches turned downwards, contrary to other Heads, are only called *Heads*.

How to ſeek a Hart *in his Haunts or Feeding-places according to the ſeaſons of the year.*

All *Harts* do change their manner of Feeding every month; and therefore I ſhall treat orderly of every one till I have concluded the year; beginning with that month which is the concluſion of their Rutting-time, and that is *November*, in which month they feed in Heaths and broomy places.

In *December* they herd together, and withdraw themſelves into the ſtrength of the Foreſts, to ſhelter themſelves from the cold Winds, Snows, and Froſts, and do feed on the Holm-trees, Elder-trees, Brambles, with whatſoever other green thing they can finde; and if it ſnow, they will skin the Trees like a Goat.

In *January*, *February*, and *March*, they leave herding, but will keep four or five in company, and in the corners of the Foreſt will feed on the Winter-paſture; ſometimes making their incurſions into the neighbouring Corn-fields, if they can perceive the blades

blades of Wheat, Rie, or ſuch-like, appear above ground.

In *April* and *May* they reſt in their Thickets, and other buſhy and ſhady places, during that ſeaſon, and ſtir very little till Rutting-time, unleſs they are diſturb'd.

There are ſome *Harts* are ſo cunning, that they will have two ſeveral Layrs to harbour in, a good diſtance one from the other; and will frequently change (for their greater ſecurity) from the one to the other, taking ſtill the benefit of the Wind.

In theſe months they go not to the Soil, by reaſon of the moiſture of the Spring, and the Dew that continually overſpreadeth the Graſs.

In *June*, *July*, and *Auguſt*, they are in their pride of greaſe, and do reſort to Spring-Copſes, and Corn-fields; only they ſeldom go where Rye or Barley grow.

In *September* and *October* they leave their Thickets, and go to Rut; during which ſeaſon they have no certain place either for food or harbour.

In what manner the Hunt-ſman ſhall go drawing in the Springs.

Let him not come too early into the Springs or Hewts where he thinketh the *Hart* feedeth, and is at relief. For they uſually go to their Layrs in the Springs; and if they be old crafty *Deer*, they will return to the border of the Copſe, and there liſten whether they can hear any approaching danger: and if they chance once to vent the Hunt-ſman or the Hound, they will inſtantly diſlodge.

Now is the Hunt-ſman's proper time. Let him beat the outſides of the Springs or Thickets: if he finde the Track of an *Hart* or *Deer*, let him obſerve whether

whether it be new; which he may know thus; the Dew will be beaten off, the Foil freſh, or the ground broken or printed, with other tokens: ſo he may judge his Game lately went that way.

Having found this Slot or Treading, and the Hound ſticking well upon it, let him hold him ſhort, for he ſhall better draw being ſo held, than if he were let at length of the Lyam: and thus let him draw till he is come to the Covert, if poſſible, taking notice by the way of the Slot, Foils, Entries, and the like, till he hath harboured him. That done, let him plaſh down ſmall Twigs, ſome above, and ſome below, as he ſhall think fit: and then, whilſt the Hound is hot, let him beat the outſides, and make his Ring-walks twice or thrice about the Wood, one while by the great and open ways, that he may help himſelf by the Eye; another while through the thick and Covert, for fear leſt his Hound ſhould overſhoot it, having ſtill better Scent in the Coverts than High-ways.

If he doubt the *Hart* is gone out of the Ring-walks, or fears he hath drawn amiſs; then let him go to the Marks which he plaſhed, and draw counter, till he may take up the Fewmet.

The directions for Harbouring a Stag *are theſe.*

The Harbourer having taught his Hound to draw mute always round the outſide of the Covert, as ſoon as his Hound challenges, which he knows by his eager flouriſhing, and ſtraining his Lyam, he then is to ſeek for his Slot: If he findes the Heel thick, and the Toe ſpreading broad, it argues an old *Deer*, eſpecially if it is fringed, (that is, broken on the ſides.) However, if the ground be too hard to make any judgment from the Slot, he is to draw into the Covert, as he paſſes obſerving the ſize of the Entries; the larger and

and higher, the elder the *Deer*; as alſo his Croppings of the Tenders as he paſſes: (the younger the *Deer*, the lower; the elder the *Deer*, the higher he branches.) Alſo obſerve all his Fewmiſhings as you paſs, whoſe largeneſs beſpeak the largeneſs of the *Deer*; alſo be curious in obſerving his Fraying-poſt, which uſually is the laſt opportunity you have to judge by, the eldeſt *Deer* Fraying higheſt againſt the biggeſt Trees; and that found, you may conclude his Harbour not far off; therefore draw with more circumſpection, checking your Draught-hound to ſecure him from ſpending when he comes ſo near as to have the *Deer* in the Wind: and then by his eagerneſs you having diſcovered that, ought to draw him; and having retired ſome diſtance back, you are with your Hound to round the place firſt at a conſiderable diſtance; and then, if you finde him not diſturbed, a little within that make your ſecond round; which will not onely ſecure you that he is in his Harbour, but will alſo ſecure his continuance there; for he will not (unforc'd) paſs that Taint your Hound hath left in the rounding of him. So that having broken a Bough for his direction, he may at any time unharbour that *Hart*.

How to finde a Hart *loſt the night before.*

A Huntſ-man may fail of killing a *Hart* divers ways; ſometimes by reaſon of great heat, or overtaken with the night, and the like. If any ſuch thing ſhould happen, then thus you muſt do. Firſt, they which follow the Hounds, muſt mark the place where they left the Chaſe, and at break of day bring your Blood-hound to it with your Kennel after him. If any hound vents, whom he knows to be no Lier or Babler, he ſhall put his Hound to it, whooping twice, or blowing two Notes with his Horn, to call all his fellows about

about him: and if he finde where the *Hart* is gone into ſome likely Covert or Grove, then muſt he draw his Hounds about it, and beat croſs through it. And if there he renews his Slot or View, let him firſt conſider whether it be the right or not: if it be the right, let him blow his Horn. Now if he finde five or ſix Layrs, let it not ſeem ſtrange; for *Harts* hunted and ſpent, do freequently make many Layrs together, becauſe they cannot ſtand, but lie and feed.

Harts which are hunted, moſt commonly run up the Wind, and ſtraight forwards as far as they are able, and finding any Water or Soil, do ſtay a long time therein; by which means their Joynts are ſo benummed and ſtiffned, that coming out they cannot go far, nor ſtand up long; and therefore are compelled to take any Harbour they can finde, which may be a preſent Covert to them.

How to finde a Hart *in high Woods.*

In the ſeeking of a *Hart* in high Woods, regard muſt be had to two things; that is, the Thickets of the Foreſt, and the Seaſon.

If it be in very hot weather, Gnats, Horſe-flies, and ſuch-like, drive the *Deer* out of the high Wood, and they diſperſe themſelves into ſmall Groves and Thickets near places of good feeding. According to the Coverts which are in the Foreſt, ſo accordingly the Huntſ-man muſt make his enquiry. For ſometimes the *Harts* lie in the Tufts of White-thorn; ſometimes under little Trees; otherwhiles under great Trees in the high Woods; and ſometimes in the Skirts of the Foreſt under the ſhelter of little Groves and Copſes. And therefore the Huntſ-man muſt make his Ring-walk great or ſmall, according to the largeneſs of thoſe Harbours or Coverts.

How

How to Unharbour a Hart, *and caſt off the Hounds.*

When the Relays are well ſet and placed, let the Huntſ-man with his Pole walk before the Kennel of Hounds: Being come to the Blemiſhes, let him take notice of the Slot, and ſuch other marks as may be obſerved from the View of the *Deer*, to the intent he may know whether the Hounds run Riot or not. Then let the Horſe-men caſt abroad about the Covert, to diſcover the *Hart* when he is unharboured, the better to diſtinguiſh him by his Head or otherwiſe. The Huntſ-man having unharboured him, all the Hounds ſhall be caſt off, they crying one and all, *To him, to him*; *That's he, that's he*, with ſuch words of encouragement.

If the Blood-hound as he draweth chance to overſhoot, and draw wrong or counter, then muſt the Huntſ-man draw him back, and ſay, *Back, back, Soft, ſoft*, until he hath ſet him right again: and if he perceive that the Hound hath mended his fault, by his kneeling down, and obſerving the Slot or Ports, he muſt then cheriſh him, by clapping him on the Back, and giving him ſome encouraging words. Thus let him draw on with his Hound till the *Deer* be deſcried.

Now ſome are ſo cunning and crafty, that when they are unharboured from their Layr, they will coaſt round about to finde ſome other *Deer*, whereby the Hounds may be confounded in the change of hunts.

If the Huntſ-man have the *Hart* in view, let him ſtill draw upon the Slot, blowing and hollowing until the Hounds are come in. When he ſeeth they are in full cry, and take it right, he may then mount, keeping under the Wind, and coaſt to croſs the Hounds that are in chaſe, to help them at default, if need require.

What

What ſubtleties are uſed in hunting a Hart *at force.*

Let the Huntſ-man never come nearer the Hounds in cry, than fifty or threeſcore paces, eſpecially at the firſt uncoupling, or at caſting off their Relays. For if a *Hart* make Doublings, or wheel about, or croſs before the Hounds, as he ſeldom doth; if then you come in too haſtily, you will ſpoil the Slot or View; and ſo the Hounds, for want of Scent, will be apt to overſhoot the Chaſe: but if after hunting an hour, the Huntſ-man perceive that the *Hart* makes out endways before the Hounds, and that they follow in full cry, taking it right, then he may come in nearer, and blow a Recheat to the Hounds to encourage them. Hereupon the *Hart* will frequently ſeek other *Deer* at Layr, and rouze them, on purpoſe to make the Hounds hunt change, and will lie down flat in ſome of their Layrs upon his Belly, and ſo let the Hounds over-ſhoot him: and becauſe they ſhall neither ſcent or vent him, he will gather up all his four Feet under his Belly, and will blow and breath on ſome moiſt place of the ground, in ſuch ſort, that I have ſeen the Hounds paſs by ſuch a *Hart* within a yard, and never vent him.

For which cauſe Huntſmen ſhould blemiſh at ſuch places they ſee the *Hart* enter into a Thicket, to this end, that if the Hounds ſhould fall to change, they may return to thoſe Blemiſhes, and put their Hounds to the right Slot and View, until they have rouzed or found him again.

The *Hart* hath another way to bring the Hounds to change; and that is, when he ſeeth himſelf cloſely purſued, and that he cannot ſhun them, he will break into one Thicket after another to finde *Deer*, rouzing and herding with them, continuing ſo to do ſometimes above an hour before he will part from them, or, break

break Herd. Finding himſelf ſpent, he will break herd, and fall a doubling and croſſing in ſome hard High-way that is much beaten, or elſe in ſome River or Brook, in which he will keep as long as his Breath will permit him: and if he be far before the Hounds, it may be then he will uſe his former device, in gathering his Legs up under his Belly as he lies flat along upon ſome hard and dry place. Sometimes he will take ſoil, and ſo cover himſelf under water, that you ſhall perceive nothing but his Noſe.

In this caſe the Huntſ-man muſt have a ſpecial regard to his old Hounds, who will hunt leiſurely and fearfully; whereas the young Hounds will over-ſhoot their Game.

If it ſo chance that the Hounds are at a default, and hunt in ſeveral companies, then it may be gueſſed that the *Hart* hath broken herd from the freſh *Deer*, and that the freſh *Deer* have ſeparated themſelves alſo: then regard how the old *Staunch*-hounds make it, and obſerve the Slot; and where you ſee any of the old Hounds Challenge, cheriſh and encourage him, haſtening the reſt in to him, by crying *Hark* to ſuch a Hound, calling him by his Name.

Here is to be noted, that they cannot make it ſo good in the hard High-ways as in other places, becauſe they cannot have there ſo perfect a ſcent, either by reaſon of the Tracks or Footing of divers ſorts of Beaſts, or by reaſon of the Sun drying up the moiſture, ſo that the Duſt covereth the Slot: now in ſuch places (ſuch is the natural ſubtilty of that Beaſt for ſelf-preſervation) the *Hart* will make many Croſſes and Doublings, holding them long together, to make the Hounds give over the Chaſe.

In this caſe, the firſt care of the Huntſ-man is, to make good the Head, and then draw round apace, firſt down the Wind, though uſually *Deer* go up the Wind:

and

and if the way is too hard to Slot, be ſure to try far enough back. This expert Hounds will frequently do of themſelves.

But if a *Hart* break out into the Champion-country, and that it be in the heat of the day, between Noon and three of the clock; then if the Huntſ-man perceive his Hounds out of breath, he muſt not force them much, but comfort them; and though they do not call upon the Slot or view, yet it is ſufficient if they but wag their Tails; for, being almoſt ſpent, it is painful for them to call.

The laſt Refuge of a *Hart* ſorely hunted is the Water, (which, according to Art, is termed the *Soil*) ſwimming oftneſt down the Stream, keeping the middle, fearing leſt by touching any Bough by the Water-ſide he may give ſcent unto the Hounds.

Always when you come to a Soil, (according to the old Rule: *He that will his Chaſe finde, let him firſt try up the River, and down the Winde*) be ſure if your Hounds challenge but a yard above his going in, that he is gone up the River: for though he ſhould keep the very middle of the Stream, yet will that, with the help of the Wind, lodge part of the Stream, and Imboſh that comes from him on the Banks, it may be a quarter of a mile lower, which hath deceived many. Therefore firſt try up the Stream: and where a *Deer* firſt breaſts ſoil, both Man and Hound will beſt perceive it.

Now the ways to know when a *Hart* is ſpent, are theſe: *Firſt*, He will run ſtiff, high, and lompering. *Secondly*, If his Mouth be black and dry without any Foam upon it, and his Tongue hanging out; but they will often cloſe their Mouths, to deceive the Spectators. *Thirdly*, By his Slot: for oftentimes he will cloſe his Claws together, as if he went at leiſure; and ſtraightway again open them wide, making great glidings,

glidings, and hitting his Dew-claws upon the ground, following the beaten Paths without Doublings; and ſometimes going all along by a Ditch-ſide, ſeeking ſome Gap, having not ſtrength to leap it otherways: yet it hath been often ſeen, that Dead-run *Deer* have taken very great leaps.

Thus muſt a Huntſ-man govern himſelf according to the Subtlety and Craft of the *Deer*, obſerving their Doublings and Croſſings, and the places where they are made; making his Rings little or great, according to the nature of the place, time, and ſeaſon: For Hounds are ſubject to ſhoot where Herbs and Flowers have their moſt lively ſcent and odoriferous ſmell. Neither muſt you be unmindful of the perfection and imperfection of your Hounds. Thus doing, it will be very hard luck if you looſe a *Hart* by default.

How to kill a Hart *at Bay.*

It is very dangerous to go in to a *Hart* at Bay, and eſpecially at Rutting-time; for then they are moſt fierce.

There are two ſorts of Bays; one on the Land, the other on the Water. If now the *Hart* be in a deep Water, where you cannot well come to him, then couple up your Dogs; for ſhould they long continue in the Water, it would endanger ſurbating or foundering. Get then a Boat, or ſwim to him with a Dagger; or elſe with a Rope that hath a Nooſe, and throw it over his Horns: for if the Water be ſo deep that the *Hart* ſwims, there is no danger in approaching him; otherwiſe you muſt have a care.

As to the Land-bay, if the *Hart* be burniſhed, then muſt you conſider the place: For if it be in a plain and open place, where there is no Wood nor Covert, it is dangerous and hard to come in to him; but if

it be in a Hedge-ſide or Thicket, then, whilſt the *Hart* is ſtaring on the Hounds, you may come covertly among the Buſhes behinde him, and cut his Throat. If you miſs your aim, and the *Hart* turn head upon you, then make ſome Tree your refuge; or when the *Hart* is at Bay, couple up your Hounds; and when you ſee the *Hart* turn head to fly, gallop in roundly to him, and kill him with your Sword.

Directions at the Death of Buck *or* Hart.

The firſt Ceremony when the Huntſ-men come in to the Death of a *Deer*, is to cry *Ware Haunch*, that the Hounds may not break into the *Deer*; which having ſecured, the next is cutting his Throat, and there blooding the youngeſt hounds, that they may the better love a *Deer*, and learn to leap at his Throat; then, having blown the Mort, and all the company come in, the beſt perſon, that hath not taken Say before, is to take up the Knife that the Keeper or Huntſ-man is to lay croſs the Belly of the *Deer*, ſtanding cloſe to the left Shoulder of the *Deer*, ſome holding by the Fore-legs, and the Keeper or Huntſ-man drawing down the Pizle, the perſon that takes Say, is to draw the edge of the Knife leiſurely along the very middle of the Belly, beginning near the Briſket; and drawing a little upon it, enough in length and depth to diſcover how fat the *Deer* is, then he that is to break up the *Deer* firſt ſlits the Skin from the cutting of the Throat downward, making the Arber, that ſo the Ordure may not break forth; and then he is to pounch him, rewarding the Hounds therewith. Next, he is to preſent the ſame perſon that took the Say with a drawn Hanger, to cut off the Head; which done, and the Hounds rewarded therewith, the concluding Ceremony is, if a *Buck* a double, if a *Stag* a treble

Mort

Mort blown by one, and then a whole Recheat in Conſort by all that have Horns; and that finiſhed, immediately a general *Whoo whoop.*

It was formerly termed, *Winde a Horn*, becauſe (as I ſuppoſe) all Horns were then compaſſed; but ſince ſtraight Horns are come into faſhion, we ſay, *Blow a Horn*, and ſometimes, *Sound a Horn.*

In many caſes heretofore, *Leaſing* was obſerved; that is, one muſt be held, either croſs a Saddle, or on a mans Back, and with a pair of Dog-couples receive ten pound and a Purſe; that is, ten ſtripes, (according to the nature of the Crime, more or leſs ſevere) and an eleventh, that uſed to be as bad as the other ten, called a *Purſe.*

There are many Faults, as coming too late into the Field, miſtaking any term of Art; theſe are of the leſſer ſize: of the greater magnitude, Hallowing a wrong *Deer*, or leaving the Field before the death of the *Deer*, &c.

Buck-*Hunting.*

THis Beaſt is common in moſt Countries, being as corpulent as a *Hart*; but in quantity reſembleth more a *Roe*, except in colour.

The Males have Horns, which they loſe yearly; but the Females none at all. Their Colours are divers, but moſt commonly branded or ſandy on the back, having a black Liſt all down along on the Back; their Bellies and Sides ſpotted with White, which they loſe by their old age: and the *Does* do eſpecially vary in colour, being ſometimes all white, and therefore like unto Goats, except in their Hair, which is ſhorter.

In their Horns they differ not much from a *Hart*,

except in quantity, and that they grow out of their Heads like Fingers out of the Hand; such is this *Fallow-Deer*, being therefore called *Cervus Palmatus*. As for their other parts, they much resemble a *Roe-buck*. Their flesh is excellent for nourishment, but their blood ingenders too much Melancholy.

Now know, the *Buck* is Fawn'd about the latter end of *May*, and its nature and properties differ little from the *Hart*.

There is not so much art and skill in Lodging a *Buck*, as in the Harbouring a *Hart*; neither is there required so much drawing after, but onely you are to judge by the View, and mark what Grove or Covert he entreth; for he will not wander and rove up and down so often as a *Hart*, nor so frequently change his Layr.

He maketh his Fewmishings in divers manners and forms, as the *Hart* doth, according to the diversity of Food, and time of the day, Morning and Evening; but most commonly they are round.

The *Hart* and *Buck* differ thus in parallel. When the *Buck* is hunted, he oft-times betakes himself to such strong Holds and Coverts as he is most acquainted with, not flying far before the Hounds, not crossing nor doubling, using no such subtleties as the *Hart* is accustomed to.

The *Buck* will beat a Brook, (but seldom a great River, as the *Hart*) but it must not be so deep; nor can he stay so long at Soil as the *Hart* will do: onely he leapeth lightlier at Rut than the *Hart*; and groaneth or Troateth, as a *Hart* Belleth, but with a lower Voice, rattling in the Throat. And here is to be noted, they love not one another, nor will they come near each other's Layr.

Buck Venison is incomparable food, and is dressed like *Hart*-Venison; onely this last will be preserved longer than the former.

The

The *Buck* herds more than the *Hart*, and lieth in the drieſt places: but if he be at large, unconfined within the limitary Precincts of a Park, he will herd but little from *May* to *Auguſt*, becauſe the flies trouble him. He takes great delight in hilly places; but the Dales are his joy to feed in.

Bucks have ſeldome or never any other Relays than the old Hounds.

The greateſt ſubtlety a Huntſman need uſe in the hunting of the *Buck*, is to beware of hunting Counter or Change, becauſe of the plenty of *Fallow-Deer*, which uſe to come more directly upon the Hounds than the *Red-Deer* doth. Now upon the breaking up of a *Buck* the Hounds Reward is the ſame with that of the *Hart*.

Roe-*Hunting*.

THe *Roe-Buck* is called by the Greeks and Latines by one name, *viz*. *Dorcas* Theſe Beaſts are very plentiful in *Africa*, *Germany*, and *Helvetian* Alps.

Their ſwiftneſs doth not onely appear upon the Earth, but alſo in the Waters, cutting them when they ſwim as with Oars; and therefore they love the Lakes and ſtrong Streams, breaking the Floods to come at freſh Paſture, feeding deliciouſly on ſweet Ruſhes, and Bull-ruſhes. Horns onely grow upon the Male, and are ſet with ſix or ſeven Branches, not palmed, but branchy, yet ſhorter than *Fallow-Deer*: They differ not much from common *Deer*, but in their Horn: and whereas the Horns of other Beaſts are hollow towards the root, whereinto entereth a certain long ſubſtance; the Horns of theſe, as alſo of the vulgar *Buck* and *Elk*,

are ſolid without any ſuch emptineſs, onely they are full of Pores.

It is ſuppoſed by the Learned, that a *Roe* was called in Greek *Dorcas*, by reaſon of the quickneſs of her ſight; and that ſhe can ſee as perfectly in the night as in the day. Phyſitians have obſerved a certain viſcous humour about her Bowels, which by anointing Eyes that are dark, heavy, and near blinde, quickens the ſight moſt wonderfully.

It is reported of them, that they never wink, no not when they ſleep; for which conceit their Blood is preſcribed for them who are dim-ſighted or purblinde. The Tail of this Beaſt is leſſer and ſhorter than a *Fallow-Deer*'s; inſomuch that it is doubtful whether it be a Tail or not.

They keep for the moſt part in the Mountains among the Rocks, being very ſwift; and when they are hunted (*Martial* ſaith) they hang upon the Rocks with their Horns, to delude the Dogs, after a ſtrange manner, ready to fall and kill themſelves, and yet receive no harm, where the Dogs dare not approach, as appeareth in his Epigram.

Pendentem ſumma Capream, de rupe videbis,
Caſuram ſperes, decipit illa Canes.

This might be more properly meant of the Wilde-*Goat*.

They are moſt eaſily taken in the Woods. When they are chaſed, they deſire to run againſt the Wind, becauſe the coldneſs of the Air refreſheth them in their courſe; and therefore they who hunt them place their Dogs with the Wind. They are often taken by the counterfeiting of their Voice, which the skilful Hunt-man doth by the aſſiſtance of a Leafe in his Mouth.

This

This Beaſt is very eaſie to hunt, and goeth to Rut (or *Tourn* moſt properly) in *October*, the extent whereof conſiſts of fifteen days, and never parteth with the *Doe* till Fawning-time.

The *Doe*, finding her ſelf near her time, ſecretly departs from the *Buck*, and fawneth as far from him and his knowledge as ſhe can; for could he finde the *Fawn*, he would kill it. Now when the *Fawn* grows big, and can run and feed, ſhe then returns to the *Buck* again very lovingly, with all expedition: the cauſe whereof, is the *Roes* fawning Twins, which are commonly *Buck* and *Doe*; ſo that being accuſtomed together in youth, they do love to keep company ever after.

As ſoon as the *Roe-Buck* cometh from Rut, he caſts his Horns; and there are few after two years old which Mew not at *Alhallontide*, but their Heads grow quickly out again.

The Veniſon of a *Roe* is never out of ſeaſon, being never fat, and therefore they are to be hunted at any time: onely this, ſome favour ought to be ſhewn the *Doe* whilſt ſhe is big with *Fawn*, and afterwards till her *Fawn* is able to ſhift for himſelf: beſides, ſome *Roe-Does* have been killed with five *Fawns* in their Belly.

They uſually when hunted, take a large firſt Ring, and afterwards hunt the Hounds.

When they are hunted, they turn much and often, and come back upon the Dogs directly: When they can no longer endure, they then take Soil, as the *Hart* doth, and will hang by a Bough in ſuch manner, that nothing ſhall appear of them above Water but their Snout, and will ſuffer the Dogs to come juſt upon them before they will ſtir.

He is not called by the skilful in the art of Hunting a *Great Roe-Buck*, but a *Fair Roe-Buck*. The Herd of them is called a *Beavy*: And if he hath not Beavy-

greaſe on his Tail when he is broken up, he is more fit to be Dogs-meat than Mans-meat.

The Hounds muſt be rewarded with the Bowels, the Blood, and Feet ſlit aſunder, and boiled all together. This is more properly called a *Doſe* than a *Reward*. For what might be ſaid farther concerning *Roe*-hunting, I ſhall refer you to the Chapters of *Hart* and *Buck*-hunting.

Rain-Deer-*Hunting*.

THe *Rain-Deer* is not unlike a *Hart*, onely his Head is fuller of Antliers, being bigger and wider in compaſs; for he bears four and twenty Branches and more according to his age, having a great Palm on the top, as a *Hart*, and his Fore-Antliers are palmed alſo.

He flieth end-ways when he is hunted, by reaſon of the great weight of his Head. When he hath ſtood up a great while, doubled, croſſed, and uſed other crafty tricks to ſhun the Hounds, he makes a Tree his laſt refuge; ſo planting himſelf, that nothing can aſſault him but juſt before, placing his Buttock and Haunches againſt the Tree, and hanging down his Head low to the ground, whereby all his Body is covered.

As the *Hart* ſtrikes with his Head, the *Rain-deer* ſtrikes with his Feet againſt any one that comes in to him to help the Dogs, not in the leaſt turning his Head, that being his chiefeſt defence, and ſeems very terrible to the Hounds.

He feedeth like the *Hart*, and maketh his Fewmets ſometimes long, and ſometimes flat, and beareth fatter

Veniſon

veniſon, when he is in pride of Greaſe, than any other *Deer* doth, and is very long-liv'd. He is more commonly drawn after with a Blood-hound, than hunted, and intrapped with Nets and Engines, and that in the thick and greateſt Holds, if it may be; which is the beſt and ſpeedieſt way, by reaſon of his great and ſpreading Head. Since there are but few of them in *England*, I ſhall deſiſt from diſcourſing farther concerning him.

Of the Nature and Properties of a Hare.

AN *Hare* is called in Hebrew *Arnebet* in the Feminine gender, which word poſſeſſed a great many that all *Hares* were Females: He is called *Lagos* by the Greeks, for his immoderate Luſt; and by the ſame Nation *Ptoox*, for his Fear; and by the Latines *Lepus*, *quaſi Levi-pes*, ſignifying Swiftneſs of Feet (*alias*) Light-foot.

There are four ſorts of *Hares*; ſome live in the Mountains, ſome in the Fields, ſome in the Marſhes, ſome every where, without any certain place of abode. They of the Mountains, are moſt ſwift; they of the Fields, leſs nimble; they of the Marſhes, moſt ſlow; and the wandering *Hares* are moſt dangerous to follow; for they are ſo cunning in the ways and muſes of the Fields, running up the Hills and Rocks, becauſe by cuſtome they know the nearer way, with other tricks, to the confuſion of the Dogs, and diſ-encouragement of the Hunters.

In the next place, a deſcription of the parts of an *Hare* will not be unneceſſary, ſince it is admirable to behold how every Limb and Member of this Beaſt is compoſed

compoſed for celerity. In the firſt place, the Head is round, nimble, ſhort, yet of convenient longitude, prone to turn every way. The Ears long, and lofty, like an Aſſes: for Nature hath ſo provided, that every fearful and unarmed creature ſhould have long and large Ears, that by hearing it might prevent its Enemies, and ſave it ſelf by flight. The Lips continually move ſleeping and waking; and from the Slit they have in the middle of their Noſe, cometh the term of *Hare-lips* which are ſo divided in men.

The Neck of an *Hare* is long, ſmall, round, ſoft, and flexible: The Shoulder-bone ſtraight and broad, for her more eaſie turning: her Legs before ſoft, and ſtand broader behinde than before, and the hinder Legs longer than the former: a Breaſt not narrow, but fitted to take more breath than any Beaſt of that bigneſs: a nimble Back, and fleſhy Belly, tender Loins, hollow Sides, fat Buttocks filled up, ſtrong and nervous Loins. Their Eyes are brown, and they are ſubtile, but not bold; ſeldom looking forward, becauſe going by jumps. Their Eye-lids coming from the Brows are too ſhort to cover their Eyes, and therefore this Senſe is very weak in them: when they watch they ſhut their Eyes, and when they ſleep they open them.

They have certain little Bladders in their Belly filled with matter, out of which both the one and the other Sex ſuck a certain humour, and anoint their Bodies all over therewith, and ſo are defended againſt Rain.

Though their ſight be dim, yet they have *viſum indefeſſum*, an indefatigable ſenſe of Seeing; ſo that the continuance in a mean degree, countervaileth in them the want of excellency.

They feed abroad, becauſe they would conceal their forms; and never drink, but content themſelves with the

the Dew, and for that cauſe they often fall rotten. As it is before, every Limb of a *Hare* is compoſed for celerity, and therefore ſhe never travelleth, but jumpeth: her Ears lead her the way in her Chaſe; for with one of them ſhe hearkneth to the cry of the Dogs, and the other ſhe ſtretcheth forth like a Sail, to haſten her courſe; always ſtretching her hinder beyond her former, and yet not hindering them at all; and in Paths and High-ways ſhe runs more ſpeedily.

The *Hares* of the Mountains do often exerciſe themſelves in the Valleys and Plains, and through practice grow acquainted with the neareſt ways to their Forms or places of conſtant abode. So that when at any time they are hunted in the Fields, ſuch is their ſubtile dodging, that they will dally with the Huntſmen till they ſeem to be almoſt taken, and then on a ſudden take the neareſt way to the Mountains, and ſo take Sanctuary in the inacceſſible places, whither Dogs nor Horſe dare aſcend.

Hares which frequent Buſhes and Brakes, are not able to endure labour, and not very ſwift, by reaſon of the pain in their Feet, growing fat through idleneſs and diſcontinuance of running. The *Campeſtrial* or Field-*Hare*, being leaner of Body, and oftner chaſed, is taken with more difficulty, by reaſon of her ſingular agility; ſhe therefore when ſhe beginneth her courſe, leapeth up from the ground as if ſhe flew, afterwards paſſeth through Brambles, and over thick Buſhes and Hedges with all expedition; and if at any time ſhe come into deep Graſs or Corn, ſhe eaſily delivereth her ſelf, and ſlideth through it, always holding up one Ear, and bending it at her pleaſure to be the Moderator of her Chaſe. Neither is ſhe ſo unprovident and prodigal of her ſtrength, as to ſpend it all in one Courſe, but obſerveth the force of her Proſecutor, who if he be ſlow and ſluggiſh, ſhe is not profuſe of

her

her celerity, but onely walketh gently before the Dogs, and yet ſafely from their Clutches, reſerving her greateſt ſtrength to her greateſt neceſſity: for ſhe knoweth ſhe can out-run the Dogs at her pleaſure, and therefore will not trouble her ſelf more than ſhe is urged. But if there be a Dog following her more ſwiftly than the reſidue, then ſhe ſetteth forward with all the force ſhe can; and when ſhe hath left both Hunters and Dogs a great way behinde her, ſhe getteth to ſome little Hill or riſing of the Earth, where ſhe raiſeth her ſelf upon her hinder-Legs, that thereby ſhe may obſerve how far or near her Purſuers are diſtant from her.

The younger *Hares*, by reaſon of their weak Members, tread heavier on the Earth than the elder; and therefore leave the greater Scent behinde them. At a year old they run very ſwift, and their Scent is ſtronger in the Woods than in the plain Fields; and if they lie down upon the Earth (as they love to do) in Red Fallow-grounds, they are eaſily deſcried.

Their foot-ſteps in the Winter-time are more apparent than in the Summer, becauſe, as the Nights are longer, ſo they travel farther: neither do they ſcent in the Winter-mornings ſo ſoon as it is day, until the Froſt be ſomewhat thawed; but eſpecially their foot-ſteps are uncertain at the Full of the Moon, for then they leap and play together, ſcattering and putting out their ſcent or ſavour; and in the Spring-time alſo, when they do ingender, they confound one anothers footſteps by multitudes.

Hare-*Hunting*.

IT is the judgement of all, that a *Hare* doth naturally know the change of Weather from twenty four hours to twenty four hours. When ſhe goeth to her Form, ſhe will ſuffer the Dew to touch her as little as ſhe can, but followeth the High-ways and beaten Paths.

They go to Buck commonly in *January*, *February*, and *March*, and ſometimes all the warm Months; ſometimes ſeeking the Buck ſeven or eight miles diſtant from the place where they uſually ſit, following the High-ways, *&c.*

If when a *Hare* riſeth out of her Form, ſhe couches her Ears and Scut, and runs not very faſt at firſt, it is an infallible ſigne that ſhe is old and crafty.

You may know a Buck-*hare* as you hunt him to his Form by his beating the hard High-ways. He feedeth farther out into the Plains, and maketh his Doublings and Croſſings much wider, and of greater compaſs than the Female doth: for ſhe will keep cloſe by ſome Covert-ſide, turning and winding in the Buſhes like a *Coney*; and if ſhe go to Relief in the Corn-fields, ſhe ſeldom croſſeth over the Furrows, but followeth them along, ſtaying upon the thickeſt tufts of Corn to feed.

Likewiſe you may know a Buck at the riſing out of his Form by his Hinder-parts, which are more whitely; or if you obſerve his Shoulders before he riſe, which will be redder than the Does, having ſome looſe long Hairs growing on them. Again, his Head is ſhorter, and better truſſed; his Hairs about his Lips longer;

longer; and his Ears ſhorter and more gray. The Hairs upon the Female's Chine will be of a blackiſh gray.

Beſides, when Hounds hunt a Female-*Hare*, ſhe will uſe more Croſſing and Doubling, ſeldom making out end-ways before the Hounds: whereas the Male acts contrary; for having once made a Turn or two about his Form, then farewel Hounds; for he will frequently lead them five or ſix miles before ever he will turn his head.

When you ſee that your Hounds have found where an *Hare* hath paſs'd to Relief upon the High-way-ſide, and hath much doubled and croſſed upon dry places, and never much broken out nor relieved in the Corn, it is a ſigne ſhe is but lately come thither; and then commonly ſhe will ſtay upon ſome high place to look about her, and to chuſe out a place to form in, which ſhe will be loth to part with.

Of the Craft and Subtlety of an Hare.

As of all Chaſes the *Hare* makes the greateſt paſtime and pleaſure; ſo it is a great delight and ſatisfaction to ſee the craft of this little poor Beaſt in her own ſelf-preſervation.

And that you may underſtand what theſe Subtleties are, you muſt firſt take notice what Weather it is. If it be rainy, then the *Hare* will hold the High-ways more than at any other time: and if ſhe come to the ſide of any young Grove or Spring, ſhe will ſcarcely enter, but ſquat down by the ſide thereof until the Hounds have over-ſhot her; and then ſhe will return the ſelf-ſame way ſhe came to the place from whence ſhe was ſtarted, and will not by the way go into any Covert, for fear of the wet and Dew that hang upon the Boughs.

In this caſe, let the Hunſ-man ſtay a hundred paces before he comes to the Wood-ſide, by which means he ſhall perceive whether ſhe return as aforeſaid; which if ſhe do, let him hallow in his Hounds, and call them back, and that preſently, that the Hounds may not think it the Counter ſhe came firſt.

The next thing to be obſerved, is the place where the Hare ſitteth, and upon what wind ſhe makes her Form: for if ſhe form either upon the North or South-wind, ſhe will not willingly run into the Wind, but run upon a ſide or down the Wind. But if ſhe form in the Water, it is a ſigne ſhe is foul and meaſled. If you hunt ſuch a one, have a ſpecial regard all the day to the Brook-ſides, for there and near Plaſhes ſhe will make all her Croſſings, Doublings, *&c.*

I have ſeen a *Hare* ſo crafty, that as ſoon as ſhe heard the ſound of a Horn, ſhe would inſtantly ſtart out of her Form, though it was a quarter of a mile diſtant, and go ſwim in ſome Pool, and there reſt her ſelf upon ſome Ruſh-bed in the midſt thereof, from whence ſhe would not ſtir till ſhe heard the Horn again; and then I have ſeen her ſtart out again ſwimming to Land, and ſhe hath ſtood up before the Hounds four hours before we could kill her, ſwimming, and uſing all her Subtleties and Croſſings in the Water.

Such is the natural craft and ſubtlety of a *Hare*, that ſometimes, after ſhe hath been hunted three hours, ſhe will ſtart a freſh *Hare*, and ſquat in the ſame Form. Others, having been hunted a conſiderable time, will creep under the Door of a Sheep-coat, and there hide themſelves among the Sheep; or when they are hard hunted, will run in among a flock of ſheep, and cannot be gotten out from among them by any means, till the Hounds are coupled up, and the Sheep driven into their Pens. Some (and that is ſomething ſtrange) will take the ground like a *Coney*, and that is called

going

going to the Vault. Some *Hares* will go up one ſide of the Hedge, and come down the other, the thickneſs of the Hedge being the onely diſtance between the courſes.

I have ſeen a *Hare*, that being ſorely hunted, got upon a Quick-ſet-hedge, and ran a good way upon the top thereof, and then leapt off upon the ground. And they will frequently betake themſelves to Furz-buſhes, and will leap from one to the other; whereby the Hounds are frequently in default. Nay, which is more, I have heard of a *Hare*, that being hunted two hours or more, at length, to ſave her ſelf, got upon an old Wall ſix foot high from the ground, and hid her ſelf in the hole that was made for a Scaffold: and that ſeveral have ſwam over *Trent* and *Severn*.

A *Hare* liveth not above ſeven years at moſt, eſpecially the Buck; and if he and the Doe ſhall keep one quarter together, they will never ſuffer any ſtrange *Hare* to ſit by them: and therefore it is proverbially ſaid, *The more you hunt, the more* Hares *you ſhall have*; becauſe when you have killed one *Hare*, another will come and poſſeſs his Form.

An *Hare* hath greater Scent, and is more eagerly hunted by the Hounds, when ſhe feeds and relieveth upon green Corn, than at any other time in the year: and yet there are ſome *Hares* which naturally give a greater Scent than others; as the great Wood-*hares*, and ſuch as are foul and meaſled, and keep near to the Waters: But the little red *Hare*, which is not much bigger than a *Coney*, is neither of ſo ſtrong a Scent, nor ſo eagerly hunted. Such as feed upon the ſmall Branches of wilde Time, or ſuch-like Herbs, are commonly very ſwift, and will ſtand long up before the Hounds. In like manner you have ſome *Hares* more ſubtile and cunning than others: Young *Hares* which have not been hunted are fooliſh, and are neither of

force

force nor capacity to uſe ſuch ſubtleties and crafts, but hold on end-ways before the Hounds moſt commonly, and do ſquat and ſtart again oftentimes, which doth much encourage the Hounds, and enters them better than if the *Hare* flies end-ways, as ſometimes they will five or ſix mile an end.

The Females are more crafty and politick than the Bucks; for they double and turn ſhorter than they, which is diſpleaſant to the Hounds; for it is troubleſome for them to turn often, delighting more in an endway-chaſe, running with all their force: for ſuch *Hares* as double and croſs ſo often, it is requiſite at default to caſt the greater compaſs about, when you beat to make it out, for ſo you will finde all her ſubtleties, and yet need to ſtick upon none of them, but onely where ſhe went on forwards: By this means you will abate her force, and compel her to leave doubling and croſſing.

How to enter Hounds to the Hare.

Let the Huntſman be ſure in the firſt place to make his Hounds very well acquainted with him and his Voice, and let them underſtand the Horn; and to this end let him never blow his Horn or hallow but when there is good cauſe for ſo doing, and let him be ſure that his Hounds want no encouragement.

Here by the way obſerve two remarkable things. The firſt is, if you intend to enter a young Kennel of Hounds, you muſt take notice of the Country where you will make your firſt Quarry, and whereof you make it. For according to the places wherein they are firſt entred, and the nature of the Quarry given them, they will prove accordingly for the future. Thus if they are firſt entred in the Plains and Champain-countries, they will ever after more delight to hunt there

than in any other place: and ſo it is the ſame with the Coverts.

But, ſay ſome of our Huntſmen, all ſtrange Countries that differ from that to which Hounds are accuſtomed, cauſes them at firſt to be at ſeek: But good Hounds will ſoon be maſter of any Country; and therefore he that would have the beſt Hounds, muſt uſe them to all kindes of Hunting: And it is eaſie to bring Hounds to enjoy a Scent from a bleak Down to a freſh Paſture. And therefore many of us love to enter in the worſt Countries.

Do not accuſtom your Hounds to hunt in the Morning, becauſe of the Dew and moiſture of the Earth: and beſides, you will finde by experience, that if afterwards you hunt them in the heat of the day, they will ſoon give over the chace; neither will they call on willingly or chearfully, but ſeek out the Shades to ſleep in. Yet many of us agree, that to hunt both early and late in the Morning by Trayling, advantageth the Hounds to uſe their Noſes; and by keeping them ſometimes in the heat of the day, or till night, moves them to ſtoutneſs.

The beſt ſeaſon to enter your young Hounds is in *September* and *October*; for then the Weather is temperate, neither too hot nor too cold; and then is the time to finde young *Hares* which have never been hunted, which are fooliſh, and ignorant of the politick Croſſings, Doublings, *&c.* of their Sires, running commonly end-ways, frequently ſquatting, and as often ſtarting, by which encouragement the Hounds are the better entered.

A *Hare* hath greater Scent, and is more eagerly hunted by the Hounds, when ſhe feedeth and relieveth on green Corn, than at any other time of the year.

Moreover, ſome *Hares* have naturally a greater Scent than

than others, as the great Wood-*Hares*, and ſuch as are foul and meaſled, having their greateſt reſort near the Water and Plaſhes.

The little ſmall red *Hare*, not much bigger than a *Coney*, is very feeble, and not much coveted by the Hounds, having a bad ſcent: but ſuch as feed on the ſmall Branches of wilde Time are commonly very ſwift, and will ſtand up a long time before the Hounds.

The Does are much craftier than the Bucks, doubling and turning oftner and ſhorter, which is very vexatious and troubleſome to the Hounds. Now for ſuch *Hares* as double and croſs ſo often, it is requiſite at a default to caſt the greater compaſs about when you draw to make it out; ſo ſhall you finde all their ſubtleties; though it is needleſs to ſtick upon any, but where they went onwards: by ſo doing you will abate the force of a *Hare*, and force her from Croſſing and Doubling.

Some *Hares* hold the high beaten ways onely, where the Hounds can have no Scent: wherefore when the Huntſman findes his Hounds at a default in the High-way, let him hunt on until he finde where the *Hare* hath broken from the High-way, or hath found ſome Dale or freſh place where the Hounds may recover Scent, looking narrowly on the Ground as he goeth, if he can finde the Footing or Pricking of the *Hare*.

There are other places wherein a Hound can finde no Scent; and that is in fat and rotten ground, and it ſticketh to the Foot of the *Hare*, which is called *Carrying*, and ſo conſequently ſhe leaves no Scent behinde her. So likewiſe there are certain Moneths wherein a Hound can finde no Scent, and that is in the Spring-time, by reaſon of the fragrant ſmell of Flowers, and the like.

Shun, as much as you can, hunting in hard froſty Weather, for ſo you will ſurbate or founder your Hounds,

and make them loſe their Claws: beſides, at that time a *Hare* runneth better than at any other time, the Soals of her Feet being hairy.

To conclude, the beſt way of entring your young Hounds, is by the help of old Staunch-Hounds; ſo will they the better learn to caſt for it at a Doubling or Default.

What time of the year is beſt for Hare-*hunting: How to finde her, ſtart her, and chaſe her.*

The beſt time to begin *Hare*-hunting, is about the middle of *September*, ending towards the latter end of *February*, leſt you deſtroy the early brood of *Leverets*. Moreover, upon the approach of Winter the moiſtneſs and coolneſs of the Earth increaſeth, which is agreable to the nature of the Hounds, and very acceptable, they ever hating extream Heats and hot weather.

Your Hounds being two years old and upwards, you may exerciſe them thrice a Week, and they will be the better for ſo often hunting, provided you feed well; and keep out your Hounds the greateſt part of the day, both to try their ſtoutneſs, and to make them ſtout.

If there be any Hound which hath found the Trail of a *Hare* where ſhe hath relieved that night, let the Huntſman then forbear being over-haſty, but let the Hounds make it of themſelves: and when he ſhall perceive that they begin to draw in together, and to call on freſhly, then let him encourage them, eſpecially that Hound which hunteth beſt, frequently calling him by his name.

Here note, that a *Hare* leaveth better ſcent when ſhe

ſhe goeth to Relief, than when ſhe goeth towards her Form: for when ſhe relieveth in the Field, ſhe coucheth her Body low upon the ground, paſſing often over one piece of ground, to finde where lieth the beſt food; and thus leaveth the better Scent, crotying alſo ſometimes.

Beſides, when ſhe goes to her Form, ſhe commonly takes the High-ways, doubling, croſſing, and leaping as lightly as ſhe can; in which places the Hounds can have no Scent, (as is ſaid before) by reaſon of the Duſt, *&c.* And yet they will ſquat by the ſides of High-ways; and therefore let the Huntſman beat very well the ſides of thoſe High-ways.

Now having found where a *Hare* hath relieved in ſome Paſture or Corn-field, then muſt you conſider the ſeaſon of the year, and what Weather it is: for if it be in the Spring-time, or Summer, a *Hare* will not then ſit in the Buſhes, becauſe they are frequently offended with Piſmires, Snakes and Adders, but will ſit in Corn-fields and open places.

In Winter they love to ſit near Towns and Villages in Tufts of Thorns and Brambles, eſpecially when the Wind is Northerly or Southerly.

According to the ſeaſon and nature of the place where the *Hare* is accuſtomed to ſit, there beat with your Hounds and ſtart her; which is much better ſport than Trailing of her from her Relief to her Form.

When the *Hare* is ſtarted and on foot, then ſtep in where you ſaw her paſs, and hallow in your Hounds untill they have all undertaken it and go on with it in full cry: then recheat to them with your Horn, following fair and ſoftly at firſt, making neither too much haſte nor noiſe with Horn or Voice: for at the firſt Hounds are apt to over-ſhoot the chace through too much heat. But having ran the ſpace of an hour,

and that you ſee the Hounds are well in with it, ſticking well upon it, then you may come in nearer with the Hounds, becauſe by that time their heat will be cooled, and they will hunt more ſoberly. But above all things mark the firſt Doubling, which muſt be your direction for the whole day; for all the Doublings that ſhe afterwards ſhall make will be like the former: and according to the policies that you ſhall ſee her uſe, and the place where you hunt, you muſt make your Compaſſes great or little, long or ſhort, to help the defaults, always ſeeking the moiſteſt and moſt commodious places for the Hounds to ſcent in.

To conclude, thoſe who delight in the commendable Exerciſe of hunting the *Hare*, muſt riſe early, leſt they be deprived of the Scent of her foot-ſteps, by which means the Dogs will be incapacitated to follow their Game; for the nature of the Scent is ſuch, that it will not remain long, but ſuddainly, in a manner every hour, vaniſheth away.

Of Parks and Warrens.

HAving thus diſcourſed of the Nature and Properties of the *Hare*, together with the manner of hunting them; in the next place I hold it not improper in ſhort to ſpeak ſomething of Parks and encloſed Warrens, wherein *Hares*, *Coneys*, *Deer*, &c. may always be ready as it were out of a Store-houſe or Seminary to ſerve the uſe and pleaſure of their Maſters.

The firſt *Roman* that ever encloſed wilde Beaſts, was *Fulvius Herpinus*; and *Varro* had the firſt Warren of *Hares*. The largeſt *Hare*-Parks that ever I heard of,

of, and the beſt furniſhed with thoſe fearful, yet ſubtile, Creatures, are in *Ireland*; the one belongs to the *Lord-Lieutenant* of that Kingdom, near *Dublin*; and the other in the North, and belongs to the Lord of *Mazareen*. It will be a tedious task for me to give you an account of the variety of Parks and Warrens within the three Kingdoms; I ſhall therefore onely tell you in what manner they are erected, and that very briefly.

The Walls or Pales muſt be high, or cloſe joynted, ſo as neither Badger nor Cat can creep through, nor *Wolf*, nor *Fox* can leap over; wherein ought alſo to be Buſhes and broad trees to cover the Beaſts againſt heat and cold, and other ſecret places to ſatisfie their natures, and to defend the leſſer Beaſts, as *Hares*, *Coneys*, &c. from *Hawks*, *Kites*, and other ravening Fowls: in which three or four couple of *Hares* will quickly multiply into a great Warren.

It is very good to ſow Gourds, Miſceline, Corn, Barley, Peaſe, and ſuch-like, wherein *Hares* delight, and will thereby quickly grow fat.

Warreners have a very crafty device to fatten *Hares*, which by experience is found effectual, and that is by putting Wax into their Ears, and ſo make them deaf; then turn them into the place where they ſhould feed, where being freed from the fear of Sounds (for want of hearing) they grow fat before other of their kinde.

Here note, that when you have pitched your Hays for *Coneys*, ſound a Trumpet in ſome of the Burroughs, and ſcarce a *Coney* in the whole Warren but will ſtart abroad.

I ſhall end this Chapter with *Martial*'s praiſe of a *Hare* and a *Thruſh*.

Inter Aves Turdus ſi quis in Judice certet,
Inter Quadrupedes gloria prima Lepus.

Amongſt all Birds none with the *Thruſh* compare,
And no Beaſt hath more glory than the *Hare.*

Of Coney-*catching.*

BEfore we ſpeak of the Hunting of the *Coney*, it will not be amiſs to take notice of her nature and properties, which are theſe: ſhe carrieth her young in her Belly thirty days; as ſoon as ſhe hath kindned ſhe goes to Buck. They begin to breed in *England* at a year old, (but ſooner in other places) and ſo continue, bearing at leaſt ſeven times in a year if they Litter in *March*; this is the reaſon that a ſmall ſtock will ſerve to increaſe a large Warren. The Does cannot ſuckle their young till they have been with the Buck, which muſt be done preſently, or ſhe will not be inclined 14 days after.

When the Buck goes to Doe, he will beat very ſtrongly with his Fore-foot upon the ground, and by that means he heateth himſelf. When he hath buckt, he is accuſtomed to fall backwards, and lie as if he were in a Trance or half dead, at which time he is eaſily taken.

The Latines call a *Coney*, *Cuniculus*, becauſe it maketh Holes in the Earth; and *Cuniculus* was a Latine word for a Hole or Cave in the Earth, before it was taken for a *Coney*.

The Bucks will kill the young if they can come at them, like to your Bore-cats; and therefore the Doe prevents that miſchief, by covering her Stop or Neſt with

with Earth or Gravel, that ſo they may not eaſily be diſcovered.

Thoſe who keep *Coneys* tame for profit, may give them to eat Vine-leaves, Fruits, Herbs, Graſs, Bran, Oat-meal, Mallows, Milk-thiſtles, Apple-parings, Cabbage, Lettiſe, or Carret-tops. In Winter they will eat Hay, Oats, and Chaff, being given to them thrice a day: but when they eat green things, they muſt not drink at all, becauſe of the Dropſie which will follow: At all other times a little drink muſt ſerve their turn, and that muſt be always freſh. Here note; give them not too much green juicy meat, unleſs you intermix therewith what is dry, as Oats, Chaff, *&c.* otherwiſe they will be *Cathed*, or tun-bellied.

Now the way of taking them is either by ſmall Curs or Spaniels bred up for that ſport; and their places for hunting are among Buſhes and Hedges; or elſe by courſing them with ſmall Grey-hounds. In their default they are commonly driven into their Burrows; and therefore it will be very requiſite to ſet Purſe-nets on the Holes, then put in a Ferret cloſe muzzled, and ſhe will make the *Coneys* bolt out again into the Purſe-nets, and ſo you may take them. Some ſay the Drone of a Bag-pipe, put into a *Coney*-burrow, and blown on a ſudden, will make *Coneys* bolt.

For want of a Ferret, you may take the powder of Orpine and ſome Brimſtone, and therewith make a ſmother in the Burrows, and ſo they will bolt out. But this way is not to be approved of; for by that means the *Coneys* will forſake thoſe Burrows, and ſo in a little time a Warren will be deſtroyed, ſhould this courſe be uſed frequently.

But above Nets and Ferrets, Hays are to be preferred for the taking of *Coneys*; neither is the drawing Ferret to be deſpiſed when they are young. Likewiſe there is excellent ſport to be made with our Tumblers, who will kill *Coneys* abundantly. Let

Let this ſuffice, ſince any farther diſcourſe hereof is neither proper, nor pertinent to my preſent purpoſe.

Of the Ferret.

THe *Ferret* is a little creature that is not bred in *Spain*, *Italy*, *France*, nor *Germany*; but in *England* they breed naturally, and are tamed for the benefit of ſuch who keep Warrens, and others.

It is a bold and audacious Beaſt, Enemy to all others but his own kinde, drinking and ſucking in the Blood of the beaſt it biteth, but eateth not the fleſh.

When the Warrener hath an occaſion to uſe his *Ferret*, he firſt makes a noiſe in the Warren to frighten what *Coneys* are abroad into their Burrows, and then he pitcheth his Nets; after that, he puts his *Ferret* into the Earth, having a long Strick, with Bells about her Neck, whoſe Mouth muſt be muzzled, ſo that he may not ſeize, but frighten the *Coneys* out of their Burrows, and afterwards driven by Dogs into the Nets or Hays ſo planted for them.

The Body is longer for the proportion than the quantity may afford. Their colour is variable, ſometimes black and white on the Belly, but moſt commonly of a yellowiſh ſandy colour, like Wooll died in Urine. The Head is little, like a Mouſe's; and therefore into whatſoever Hole ſhe can put it in, all her Body will eaſily follow after. The Eyes are ſmall, but fiery like red-hot Iron, and therefore ſhe ſeeth moſt clearly in the dark. Her Voice is a whining cry without changing it: She hath onely two Teeth in her nether Chap, ſtanding out, and not joyned and growing

ing together. The Genital of the Male is of a bony ſubſtance, and therefore it always ſtandeth ſtiff, and is not leſſer at one time than another. The pleaſure of the ſenſe in Copulation is not in the Genital-part, but in the Muſcles, Tunicles, and Nerves wherein the ſaid Genital runneth. When they are in Copulation the Female lieth down, or bendeth her Knees, and continually crieth like a Cat, either becauſe the Male clawеth her with his Nails, or by reaſon of the roughneſs of his Genital.

She uſually brings forth ſeven or eight at a time, carrying them forty days in her little Belly: The young ones newly littered are blinde thirty days together; and within forty days after they can ſee, they may be uſed as their Dam for profit and recreation.

When tamed, they are nouriſhed with Milk or with Barley-bread, and they can faſt a very long time. When they go, they contract their long Back, and make it ſtand upright in the middle round like a Bowl: when they are touched, they ſmell like a *Martel*; and they ſleep very much. Thus much of the *Ferret*, which I thought good to place after the Chapter of *Coney*-catching, becauſe this little Animal is ſuch a neceſſary Inſtrument for that purpoſe.

Of Fox-*hunting.*

HIs Shape and Proportion is ſo well known, being a beaſt ſo common, that it will be needleſs to deſcribe him.

His nature in many reſpects is like that of a *Wolf*; for they bring as many Cubs at a Litter one as the other: but thus they differ; the *Fox* Litters deep under the ground, ſo doth not the *Wolf*.

A Bitch-*Fox* is hardly to be taken when ſhe is bragged and with Cub; for then ſhe will lie near her Burrow, into which ſhe runs upon the hearing of the leaſt noiſe. And indeed at any time it is ſomewhat difficult; for the *Fox* (and ſo the *Wolf*) is a very ſubtile crafty creature.

Fox-hunting is very pleaſant; for by reaſon of his ſtrong hot Scent he maketh an excellent Cry: And as his Scent is hotteſt at hand, ſo it dies ſooneſt. Beſides, he never flies far before the Hounds, truſting not on his Legs, Strength, or Champion-ground, but ſtrongeſt Coverts. When he can no longer ſtand up before the Hounds, he then taketh Earth, and then muſt he be digged out.

If Grey-hounds courſe him on a Plain, his laſt refuge is to piſs on his Tail, and flap it in their Faces as they come near him; ſometimes ſquirting his thicker Excrement upon them, to make them give over the Courſe or purſuit.

When a Bitch-*Fox* goes a clicketing and ſeeketh for a Dog, ſhe cryeth with a hollow Voice, not unlike the howling of a mad Dog; and in the ſame manner ſhe cries when ſhe miſſeth any of her Cubs: but never makes any cry at all when ſhe is killing, but defends her ſelf to the laſt gaſp.

A *Fox* will prey upon any thing he can overcome, and feeds upon all ſorts of Carrion; but their Dainties, and the food which they moſt delight in, is Poultry. They are very deſtructive and injurious to *Coney*-Warrens, and will ſometimes kill *Hares* by deceit and ſubtlety, and not by ſwift running.

The *Fox* is taken with Hounds, Grey-hounds, Terriers, Nets, and Gins.

Of Terriers there are two ſorts. The one is crooked-leg'd, and commonly ſhort-hair'd: and theſe will take

take Earth well, and will lie very long at *Fox* or *Badger*. The other ſort is ſhagged and ſtraight Legg'd: and theſe will not onely hunt above-ground as other Hounds, but alſo enter the Earth with much more fury than the former; but cannot ſtay in ſo long, by reaſon of their great eagerneſs.

The time of entring theſe Terriers, is when they are neer a twelve-month old; for if you enter him not in within this time, you will hardly after bring him to take the Earth. And to encourage the young Terrier the more, put in an old one before him, that can better endure the fury of the *Fox* or *Badger:* and be careful that neither of them be old when you engage your young Terrier with him.

The entring and fleſhing them may be done ſeveral ways. In the firſt place thus: When *Foxes* and *Badgers* have young Cubs, then take your old Terriers and enter them in the ground; and when they begin to bay, you muſt then hold every one of your Terriers at a ſundry Hole or Mouth of the Earth, that they may liſten and hear the old ones Bay. Having taken the old *Fox* or *Badger*, and that nothing remains within but the young Cubs, then couple up all your old Terriers, and put in the young in their ſtead, encouraging them by crying, *To him, to him, to him.* And if they take any young Cub within the ground, let them alone to do what they pleaſe with him; and forget not to give the old Terriers their reward, which is the Blood and Livers, fryed with Cheeſe and ſome of their own Greaſe, ſhewing them the Heads and Skins to encourage them. Before you reward them, waſh them with Soap and warm Water, to clear their Skins from Earth and Clay that is clodded to the Hair, otherwiſe they are apt to be mangie. You may alſo enter them in this manner: Take an old *Fox*, or *Badger*, and cut away the nether Jaw, but meddle not with the other,

leaving

leaving the upper to ſhew the fury of the Beaſt, although it can do no harm therewith. Then dig an Earth in ſome convenient place in your own grounds, and be careful to make it wide enough, to the intent the Terriers may turn therein the better, and that there may be room enough for two to enter together: then cover the Hole with Boards and Turf, putting the *Fox* or *Badger* firſt therein, and afterwards put in your Terriers both young and old, encouraging them with words that are the uſual terms of Art. When they have bay'd ſufficiently, then begin to dig with Spades and Mattocks, to encourage them againſt ſuch time as you are to dig over them: then take out the *Fox* or *Badger* with the Clamps or Pinchers, killing it before them, or let a Grey-hound kill it in their ſight, and make them reward thereof. Here note, that inſtead of cutting away the Jaw, it will be every whit as well to break out all his Teeth, to prevent him from biting the Terriers.

Now to ſay the truth, there is not much paſtime or pleaſure in hunting of a *Fox* under ground; for as ſoon as that ſubtle creature perceiveth the Terriers, if they bay hard, and lie near unto them, they will bolt out immediately, unleſs it be when the Bitch hath young Cubs, then they will ſooner die than ſtir.

They make their Earths as near as they can in ground that is hard to dig, as in Clay, Stony-ground, or amongſt the Roots of Trees; and their Earths have commonly but one Hole, and that is ſtraight a long way in before it come at their Couch. Sometimes craftily they poſſeſs themſelves of a *Badger*'s old Burrow, which hath variety of Chambers, Holes, and Angles.

When a good Terrier doth once binde the *Fox*, he then yearns, and defends himſelf very notably, but not ſo ſtrenuouſly as the *Badger*, nor is his biting half ſo dange-

dangerous. Here note, if you take a Bitch-*Fox* when ſhe goeth a Clicketing, and cut out that Gut which containeth her Sperm, together with the Kidneys which Gelders deprive Bitches of when they ſpay them, and cut them into ſmall gobbets, mingling therewith the Gum of Maſtick, and put them hot as they are into a Pot, and cover the ſame cloſe, it will ſerve for an excellent Train for a *Fox*, and will keep the whole year round. Take the Skin of Bacon, and broil it well on a Gridiron, then dip it in the ingredients of the Pot aforeſaid, and make a Train thereof, you will experimentally finde, that if there be any *Fox* neer to any place where the Train is drawn, he will follow it; but let him who makes the Train rub the ſoals of his Feet with Cow-dung, leſt the *Fox* vent his footing: and thus you may Train a *Fox* to a Standing, and kill him in an Evening with Gun or Croſs-bow. It is likewiſe found by experience, that if a Terrier be rubbed with Brimſtone, or with Oil of Cade, and then put him into an Earth where either a *Fox* or *Badger* is, they will leave that Earth, and come not to it again a good while after.

I ſhall conclude this diſcourſe with what I have obſerved in *Geſner*'s Hiſtory of *Beaſts* tending to the ſame purpoſe: ſaith he, *As he frequently cheats the* Badger *of his Habitation by laying his Excrements at the mouth of his Earth or Burrow; ſo, for as much as the* Wolf *is an Enemy to the* Fox, *he layeth in the mouth of his Earth an Herb called a Sea-onion, which a* Wolf *naturally hates, and is ſo averſe thereunto, that he will never come near the place where it either lies or grows.*

Of Fox-*hunting above ground.*

To this purpoſe you muſt draw with your Hounds about Groves, Thickets, and Buſhes near Villages: for

a

a *Fox* will lurk in ſuch places, to prey on young Pig and Pullein.

But it will be neceſſary to ſtop up his Earths, if you can finde them, the night before you intend to hunt; and the beſt time will be about midnight, for then the *Fox* goeth out to ſeek his Prey. You may ſtop his Holes by laying two white ſticks acroſs before them, which will make him imagine it is ſome Gin or Trap laid for him: or elſe you may ſtop them up cloſe with Black-thorns and Earth together.

The beſt hunting a *Fox* above-ground, is in *January*, *February*, and *March*, for then you ſhall beſt ſee your Hounds hunting, and beſt finde his Earthing; beſides, at thoſe times the *Fox*'s Skin is beſt in ſeaſon.

Again, the Hounds beſt hunt the *Fox* in the coldeſt Weather, becauſe he leaveth a very ſtrong ſcent behind him; yet in cold Weather it chills faſteſt.

At firſt onely caſt off your ſure Finders, and as the Drag mends, ſo adde more as you dare truſt them.

Shun caſting off too many Hounds at once, becauſe Woods and Coverts are full of ſundry Chaſes, and ſo you may engage them in too many at one time.

Let ſuch as you caſt off at firſt be old ſtaunch-Hounds, which are ſure; and if you hear ſuch a Hound call on merrily, you may caſt off ſome other to him; and when they run it on the full cry, caſt off the reſt: and thus you ſhall compleat your paſtime.

The words of comfort are the ſame which are uſed in the other chaſes, attended with the ſame Hallowings and other ceremonies.

Let the Hounds kill the *Fox* themſelves, and worry and hare him as much as they pleaſe: many Hounds will eat him with eagerneſs.

When he is dead, hang him at the end of a ſtrong Pike-ſtaff, and hallow in all your Hounds to bay him: but reward them not with any thing belonging to the *Fox*; for it is not good, neither will they eat it.

Of

Of Badger-*hunting.*

A *Badger* is called by ſeveral names, *viz.* a *Gray*, *Brock*, *Boreſon* or *Bauſon*, and in *France* *Tauſſon*. The Male is called a *Badger* or *Boar-pig*; and the Female is called a *Sow*.

Theſe Beaſts are plentiful in *Naples*, *Sicily*, *Lucane*, and in the *Alpine* and *Helvetian* Coaſts; ſo are they alſo here in *England*.

There are two kindes of this beaſt, (ſaith *Geſner*) one reſembling a Dog in his feet, and the other a Hog in his cloven Hoof: they differ too in their Snout and colour; for the one reſembles the Snout of a Dog, the other of a Swine: the one hath a greyer Coat, or whiter Coat than the other, and goeth farther out in ſeeking of its Prey. They differ alſo in their meat, the one eating Fleſh and Carrion like a Dog, the other Roots and Fruits like a Hog: both theſe kindes have been found in *Normandy*, *France*, and *Sicily*.

Mr. *Turbervil* makes mention of two ſorts of *Badgers* likewiſe, but in a different manner. *For the one* (ſaith he) *caſteth his Fiaunts long like a* Fox, *and have their reſidence in Rocks, making their Burrows very deep. The other ſort make their Burrows in light ground, and have more variety of Cells and Chambers than the former.* The one of theſe is called the *Badger-Pig*, and the other the *Badger-whelp*; or call one *Canine*, and the other *Swiniſh*. The firſt hath his Noſe, Throat, and Ears yellowiſh like a *Martern*'s Throat; and are much blacker, and higher Leg'd than the *Badger-whelp*. Both ſorts live upon all Fleſh, hunting greedily after Carrion. They are very miſchievous and hurtful

to Warrens, especially when they are big with young.

Badgers when they Earth, after by digging they have entred a good depth, for the clearing of the Earth out, one of them falleth on the Back, and the other layeth Earth on the Belly, and so taking his hinder feet in his Mouth, draweth the Belly-laden-*Badger* out of the Hole or Cave; and having disburdened her self, re-enters, and doth the like till all be finished.

These *Badgers* are very sleepy, especially in the day-time, and seldom stir abroad but in the night; for which cause they are called *Lucifugæ*, avoiders of the Light.

It is very pleasant to behold them when they gather materials for their Couch, as Straw, Leaves, Moss, and such-like; for with their Feet and their Head they will wrap as much together as a man can well carry under his Arm, and will make shift to get it into their Cells and Couches.

He hath very sharp Teeth, and therefore is accounted a deep biting Beast: his Back is broad, and his Legs are longer on the right side than the left, and therefore he runneth best when he gets on the side of an Hill, or a Cart-road-way. His Fore-legs have very sharp Nails, bare, and apt to dig withal, being five both before and behinde, but the hinder very much shorter, and covered with Hair. His savour is strong, and much troubled with Lice about the Secrets. Both Male and Female have under their Hole another Hole outwardly, but not inwardly in the Male. If she be hunted abroad with Hounds, she biteth them most grievously where-ever she lays hold on them. For the prevention thereof, the careful Huntsmen put great broad Collars made of *Grays* Skins about their Dogs Necks. Her manner is to fight on her Back, using thereby both her Teeth and her Nails; and by blowing up her Skin after a strange and wonderful manner, she defendeth her

her ſelf againſt any blow and Teeth of Dogs; onely a ſmall ſtroke on her Noſe will diſpatch her preſently; you may thraſh your heart weary on her Back, which ſhe values as a matter of nothing.

In *Italy* they eat the fleſh of *Badgers*, and ſo they do in *Germany*, boiling it with Pears: ſome have eaten it here in *England*, but like it not, being of a ſweet rankiſh taſte.

The Fleſh is beſt in *September* if it be fat; and of the two kinds, the Swiniſh *Badger* is better fleſh than the other.

They love Hogs-fleſh above any other; for take but a peice of Pork and train it over a *Badger*'s Burrow, if he be within, you ſhall quickly ſee him appear without.

Their nature is very cold; and therefore when it ſnoweth they will not come out of their Holes for three or four days together.

They live long, and by mere age will grow blinde; then will they not ſtir out of their Holes, but are fed by thoſe who have their ſight.

This ſubtlety they have, that when they perceive the Terriers begin to yearn them, they will ſtop the Hole between the Terriers and them: if the Terriers continue baying, they will remove their Baggage with them, and go into another Appartment or Chamber of the Burrow, (for know that ſome of their Houſes have half a dozen Rooms at leaſt;) and ſo will remove from one to the other, till they can go no further, barricadoing the way as they go.

The hunting of a *Badger* muſt be after this manner: You muſt firſt ſeek the Earths and Burrows where he lieth, and in a clear Moon-ſhine night go and ſtop all the Holes but one or two, and therein place ſome Sacks faſtned with ſome drawing Strings, which may ſhut him in as ſoon as he ſtraineth the Bag.

The Sacks or Bags being thus ſet, caſt off your

Hounds, and beat all the Groves, Hedges, and Tufts within a mile or two about. What *Badgers* are abroad, being alarm'd by the Dogs, will ſtraight repair to their Earths or Burrows, and ſo be taken.

Let him that ſtandeth to watch the Sacks, ſtand cloſe, and upon a clear Wind, for elſe the *Badger* will ſoon finde him, and fly ſome other way for ſafety. But if the Hounds either encounter him, or undertake the chaſe before he can get into his Earth, he will then ſtand at bay like a *Boar*, and make moſt incomparable ſport.

What Inſtruments are to be uſed in digging, and how to dig for Badger *or* Fox.

In the firſt place, you muſt have ſuch as are able to dig: next, you muſt have ſo many Terriers garniſhed with Bells hung in Collars, to make the *Fox* or *Badger* bolt the ſooner; beſides, the Collars will be ſome ſmall defence unto the Terriers.

The Inſtruments to dig withal are theſe: a ſharp-pointed Spade, which ſerveth to begin the Trench where the ground is hardeſt, and broader Tools will not ſo well enter; the round hollowed Spade, which is uſeful to dig amongſt Roots, having very ſharp edges; the flat broad Spade, to dig withal when the Trench is better opened, and the ground ſofter; Mattocks and Pick-axes, to dig in hard ground where a Spade will do but little ſervice; the Coal-rake, to cleanſe the Hole, and to keep it from ſtopping up; the Clamps, whereby you may take a *Fox* or *Badger* out alive to make ſport therewith afterwards. And it would not be amiſs to have a Pail of Water, to refreſh your Terriers after they are come out of the Earth to take breath.

In this order you may beſiege a *Fox* or *Badger* in their

their ſtrongeſt Holes or Caſtles, and may break their Caſmats, Platforms, Parapets, and work to them with Mines and Counter-mines, until you have obtained your ſatisfaction. But there is a ſhorter method than this, which by reaſon of its commonneſs I ſhall forbear to mention.

Of the Otter.

IT is ſuppoſed by ſome that the *Otter* is of the kinde of *Beavers*, being it is an amphibious creature living both in the Water and on the Land; beſides, the outward form of the parts beareth a ſimilitude of that beaſt. Some ſay, were his Tail off, he were in all parts like a *Beaver*, differing in nothing but habitation: For the *Beaver* frequenteth both the Salt-water and the Freſh; but the *Otter* never goeth to the Salt.

Though the *Otter* live in the Water, yet it doth not breath like Fiſhes through the benefit of the Water, it doth breath like other four-footed beaſts, yet it will remain a long time underneath the Water without reſpiration.

If he want Prey in the Waters, then will he quit them for the Land; and if by painful hunting aſhore he cannot fill his Belly, he will feed on Herbs, Snails, or Frogs: neither will he take leſs pains in the Water to ſatisfie hunger; for he will ſwim two miles together againſt the ſtream, that ſo, when his Belly is full, the current of the Stream may carry him down again to his deſigned Lodging, which is neer the Water, very artificially built with Bows, Sprigs, and Sticks couching together in excellent order, wherein he ſitteth to keep him from the wet.

In the hunting of Fiſh he often pops his Noſe above Water to take breath: It is a creature of wonderful ſwiftneſs and nimbleneſs in taking his Prey, and for greedineſs takes more than he knows what to do with.

It is a very ſubtile and crafty beaſt, and indowed with a wonderful ſagacity and ſenſe of ſmelling, inſomuch that he can directly wind the Fiſhes in the Waters a mile or two off.

The fleſh of this beaſt is both cold and filthy, becauſe it feedeth on ſtinking Fiſh, and therefore not fit to be eaten; yet it is eaten in *Germany*; and the *Carthuſian* Fryers, who are forbidden to eat all manner of fleſh of other four-footed beaſts, yet they are not prohibited the eating of *Otters*. There are thoſe in *England*, who lately have highly valued an *Otter*-pie, much good may it do them with it.

Theſe *Otters* muſt be hunted by ſpecial Dogs, ſuch as are called *Otter*-hounds, and alſo with ſpecial Inſtruments called *Otter*-ſpears. When they finde themſelves wounded with a Spear, they then come to Land, where they fight with the Dogs furiouſly; and except they be firſt wounded, they forſake not the Water: for they are not ignorant how ſafe a refuge the Waters are unto them, and how unequal a combat they ſhall ſuſtain with Men and Dogs upon the Land: yet, becauſe the cold Water annoyeth their green wounds, therefore they ſpin out their lives to the length of the Thread, chuſing rather to die in torments among Dogs, than to die in the Waters.

The Food of an *Otter* (as I ſaid) is Fiſh; and her abode is commonly under the Root of ſome Tree neer Rivers, Brooks, Pools, Meers, or Fiſh-ponds; and ſometimes ſhe will lie in a hollow Tree four or five foot above ground: and no Vermin can be more deſtructive to a Warren, than the *Otter* is to a Fiſh-pond; for

for ſhe diveth and hunteth under water after that moſt wonderful manner, that few fiſh eſcape her, unleſs they are very ſwift and great.

An *Otter* and *Ferret* grow ſalt much about the ſame time, and bring forth their young much after the ſame manner, neither having their conſtant number.

There is much craft and cunning in the hunting them; yet with pains-taking you may enſnare them under the Water, and by River-ſides, as you may a *Hare* with *Hare*-pipes and ſuch-like Gins. They bite ſore and venomouſly, and when occaſion ſerves they will defend themſelves ſtoutly. If after their enſnaring they chance to abide there long, they will ſoon enlarge themſelves with their Teeth.

Theſe creatures are footed like your Water-fowl, having a Web between their Claws, and have no Heel, but a round Ball under the Soal of their Feet: and their Track is called their *Mark*, as the Slot of a *Hart*; and their Excrements are called *Spraints*.

An *Otter* will not abide long in a place; for he is apt to be afraid and take diſtaſte, (having an excellent Ear and Noſe, for hearing and ſmelling;) and then he will forſake his Couch, and ſhift a mile or two up or down the River: and this he will do according as he findes ſcarcity of fiſhing.

In hunting of the *Otter* obſerve this, to ſend ſome to one ſide of the River whilſt you are on the other, and ſo beat on the Banks with your Dogs, and ſo you will ſoon finde if there be an *Otter* in that quarter: for an *Otter* cannot endure long in the Water, but muſt come forth to make his Spraints, and in the night ſometimes to feed on Graſs and ſuch Herbs as the fields afford.

If any of the Hounds finde out an *Otter*, then look in the ſoft grounds and moiſt places to ſee which way he bent his head: if the marks make no diſcovery,

you may partly perceive it by the Spraints, and ſo follow the Hounds, and lodge him as a *Hart* or *Deer*. If you finde not the *Otter* quickly, you may then imagine he is gone to couch ſomewhere farther off from the River: for ſometimes he will ſeek his food a mile from the place of his reſt, chuſing rather to go up the River than down, becauſe upwards he meets with better ſcent of Fiſh; and bearing his Noſe into the Wind, he ſhall the ſooner finde any fault that is above him.

Remember, in the hunting of the *Otter*, that you and your friends carry your *Otter*-ſpears to watch his Vents, for that is the chief advantage: and if you perceive where the *Otter* ſwims under water, then ſtrive to get to a Stand before him where he would vent, and there endeavour to ſtrike him with your Spear; but if you miſs, purſue him with the Hounds, which if they be good *Otter*-hounds, and perfectly entred, will come chaunting and trailing along by the River-ſide, and will beat every Tree-root, every Oſier-bed and tuft of Bull-ruſhes; nay, ſometimes they will take the Water, and beat it like a Spaniel. And by theſe means the *Otter* can hardly eſcape you.

Of the Squirrel.

THe firſt Author that ever wrote of this little Animal was *Oppianus*, who lived in the days of *Antoninus Cæſar*, and wrote a Book alſo of Hunting.

A *Squirrel* is greater in compaſs than a *Weaſle*, but the latter is longer than the other; the back-parts and all the body is reddiſh except the Belly, which is white. In *Helvetia* they are black and branded, and they

they are hunted at the fall of the Leaf, when the Trees grow naked: for they run and leap from Bough to Bough in a moſt admirable and agile manner; and when the Leaves are on, they cannot be ſo well diſcerned. They are of three colours, in the firſt age black, in the ſecond of a ruſty Iron-colour, and laſtly, when old, they are full of white hoar Hairs. Their Teeth are like the Teeth of Mice, having the two under-Teeth very long and ſharp. Their Tail is always as big as their Body, and it lieth continually on their Back when they ſleep or ſit ſtill, and ſeemeth to be given them for a covering.

In the Summer-time they build them Neſts (which by ſome are called *Drays*) in the Tops of the Trees very artificially with Sticks and Moſs, with other things the Woods afford, and then they fill it with Nuts for Winter-proviſion, and do ſleep like the *Alpine* Mouſe moſt part thereof very ſoundly, in ſuch ſort, that the beating of the outſide of their Drays will not wake them.

When they leap from Tree to Tree, they uſe their Tail inſtead of Wings, leaping a great diſtance, and are ſupported without ſinking to any one's appearance; nay, they will frequently leap from a very high Tree down to the ground, and receive no harm.

Many muſt go together to hunt them, and muſt carry Dogs with them: and the fitteſt place for the exerciſe of this ſport, is in little and ſmall ſlender Woods, ſuch as may be ſhaken by the hand. Bows are requiſite to remove them when they reſt in the twiſts of Trees; for they will not be much terrified with all the hallowing, except they be ſtruck now and then by one means or other. Well do they know what harbour a high Oak is unto them, and how ſecure they can lodge therein from Men and Dogs; wherefore ſince it is too troubleſome to climb every Tree, that

that labour muſt be ſupplied with Bows and Bolts, that when the *Squirrel* reſteth, preſently he may be thumpt by the blow of an Arrow: the Archer need not fear to do her much harm, except he hit her on the Head; for by reaſon of a ſtrong back-bone, and fleſhy parts, ſhe will abide as great a ſtroak as a Dog.

If they be driven to the ground from the Trees, and they creep into Hedges, it is a ſigne of their wearineſs: for ſuch is the lofty minde of this little beaſt, that while her ſtrength laſteth ſhe ſaveth her ſelf in the tops of high Trees; but being wearied, ſhe deſcendeth, and falls into the Mouths of the yelping Curs that attend her.

The admirable wit of the *Squirrel* appeareth (if it be true) in her ſwimming, or paſſing over a River; for when hunger conſtraineth her ſo to do, ſhe ſeeks out ſome Rind, or ſmall Bark of a Tree, which ſhe ſetteth upon the Water, and then goeth into it, and holding up her Tail like a Sail, letteth the wind drive her to the other ſide; and carry meat in their mouths, to prevent Famine whatſoever ſhould befal them.

Of the Martern *and Wilde*-Cat.

A *Martern* is about the bigneſs of a Cat, having a longer Body, but ſhorter Legs, with Head and Tail like a *Fox*; its Skin is commonly brown, white on the Throat, and ſomewhat yellowiſh on the Back.

Their Teeth are exceeding white, and unequal, being above meaſure ſharp; the canine Teeth both above and below hang out very long.

This and the wild-*Cat* are a ſort of Vermine which we uſe here in *England* commonly to hunt, and as neceſſary

neceſſary to be hunted as any Vermin can be: For the queſtion may be doubtful, whether either *Fox* or *Badger* do more hurt than the wild-*Cat* doth, ſince there are ſo many Warrens every where throughout the Kingdom of *England* which are very much infeſted by the wild-*Cat*.

It is the opinion of long-experienced Huntſmen, that ſhe leaveth as great Scent, and maketh as good a Cry for the time as any Vermin that is hunted, eſpecially the *Martern* paſſeth all other Vermin for ſweetneſs of Scent, and her Caſe is a noble Fur. The wild-*Cat*'s Caſe is not ſo good, but it is very warm, and medicinable for ſeveral Aches and Pains in the Bones and Joynts: alſo her Greaſe is very good for Sinews that are ſhrunk.

Theſe two Chaſes are not to be ſought purpoſely, unleſs the Huntſman do ſee them where they prey, and can go readily to them; but if a Hound chance to croſs them, he will hunt it as ſoon as any Chaſe, and they make a noble cry as long as they ſtand up; when they can do it no longer, they will take a Tree, and ſo deceive the Hounds; but if the Hounds hold in to them, and will not give it over ſo, then they will leap from one Tree to another, and make great ſhift for their Lives, with much paſtime to the Huntſmen.

When they are killed you muſt hold them up upon a piked Staff, and hallow in all your Hounds, and then reward them with ſome meat; for the fleſh of theſe Vermin is naught for Hounds.

A ſhort Account of ſome particular Beaſts that are not hunted in *England*, but in Forrain Countries.

The Nature and Properties of a Wolf, *and the manner of its Hunting.*

HEretofore I read that there were many *Wolves* in *England*, but now there are none; however they are ſtill in *Ireland*, but their number is very much decreaſed within theſe thirty years; and that they may more and more decreaſe, being ſo pernicious to all ſorts of Cattle, I thought good to publiſh the nature and manner of their hunting.

Firſt, as to their Nature; they go a Clicketing in *February*, and continue in that manner ten or twelve days. Where many *Wolves* are, many will follow one Bitch, as Dogs will follow a Bitch that is ſalt, but ſhe will be onely Lined with one.

A notable ſtory I have heard when I was in *Ireland*, and atteſted for a truth by the Inhabitants: That a Bitch-*Wolf* proud, will ſuffer a great many of the Male to follow her, and will carry them after her ſometimes eight or ten days without Meat, Drink, or Reſt; and when they are ſo tired that they cannot travel farther, ſhe will firſt lie down, then will the reſt follow her example: when ſhe perceives that they are all aſleep, and through wearineſs ſnore, then will ſhe ariſe and awake that *Wolf* which ſhe obſerved to follow her moſt, and having ſo done, entice him with her far from the reſt, and ſuffer him to Line her: the reſt awaking and finding her miſſing, purſue her by the Scent, and finding how

how ſhe hath cunningly deluded them, they fall inſtantly on her Companion who hath been before-hand with them, and revenge themſelves on him by depriving him of his life; which verifies the proverb: *Never* Wolf *yet ever ſaw his Sire.*

Their Whelps are able to ingender at twelve months end, at which age they part with their Dam, that is, when thoſe Teeth are grown which they caſt the firſt half year, and being grown, they never ſhed them again: and here ſee their gratitude, (though bloody cruel creatures) after they have preyed for themſelves, if they chance to meet their Dam or Sire (for *Turbervile* doth not believe the aforeſaid ſtory) they will fawn upon them and lick them, rejoycing at the ſight of them.

The Dog will never bring any of his Prey to his Whelps till he hath filled his own Belly; whereas the Bitch will not eat a bit till ſhe hath ſerved them firſt: they go nine weeks with Whelp, and ſometimes a little longer, and grow ſalt but once a year. As to number of Whelps, they have more or leſs as Dogs have; for doubtleſs both the *Wolf* and the *Fox* are but a kinde of wild Maſtiffs and wild Curs.

They prey upon all kind of things, and will feed on Carrion, Vermin, *&c.* They will kill a Cow or a Bullock; and as for a Sheep, Goat, or good Porket, they will roundly carry him off in their Mouths, not touching ground with it, and will run ſo faſt away, notwithſtanding the load, that they are hardly to be ſtopped but by Maſtiffs or Horſe-men. There is no Beaſt which runneth faſter than the *Wolf*, and holdeth wonderfully alſo. When he is hunted with Hounds, he flieth not far before them; and unleſs he be courſed with Grey-hounds or Maſtiffs, he keepeth the Covert like the *Bear*, or *Boar*, and eſpecially the beaten ways therein. Night is the uſual time of his preying, though

though hunger will force him to prey by day. They are more ſubtile and crafty (if more can be) than the *Fox* or any other Beaſt: When they are hunted, they will take all their advantages; at other times they will never run over-haſtily, but keep themſelves in breath and force always.

A *Wolf* will ſtand up a whole day before a good Kennel of Hounds, unleſs that Grey-hounds or *Wolf*-dogs courſe him. If he ſtand at Bay, have a care of being bitten by him; for being then mad, the wound is deſperate, and hard to be cured.

When a *Wolf* falls into a flock of Sheep, with his good will he would kill them all before he feed upon any of them, and therefore all means ſhould be uſed to deſtroy them, as by hunting at force, or with Grey-hounds or Maſtiffs, or caught in Gins and Snares; but they had need be ſtrong. For encouragement to the meaner ſort in *Ireland*, whoſoever took a ſucking-Whelp, or preying Cub, a Dog or a Bitch-*Wolf*, and brought but the Heads of either to the next Juſtice of Peace, for reward for the firſt, he received twenty ſhillings; for the ſecond, forty; for the third, five pound; and for the laſt, ſix pounds: which late encouragement hath in a manner cleared that Kingdom of them.

They bark and howl like unto Dogs; and if there be but two of them together, they make ſuch a terrible hideous noiſe, that you would think there could be no leſs than twenty of them in a body.

When any one would hunt the *Wolf*, he muſt train him by theſe means: Firſt let him look out ſome fair place, a mile or more from the great Woods, where there is ſome cloſe ſtanding to place a brace of good Grey-hounds in, if need be, the which ſhould be cloſely environed, and ſome Pond of Water by it: there he muſt kill a Horſe that is worth little, and take

take the four Legs thereof and carry them into the Woods and Foreſts adjoyning; then let four men take every man a Leg of the Beaſt and draw it at his Horſe-tail all along the Paths and Ways in the Woods, until they come back again to the place where the Carcaſs of the ſaid Beaſt lieth; there let them lay down their Trains. Now when the *Wolves* go out in the night to prey, they will follow the ſcent of the Train till they come to the Carkaſs where it lieth. Then let thoſe who love the ſport, with their Huntſmen come early and privately near the place; and if they are diſcernable as they are feeding, in the firſt place let them conſider which way will be the faireſt courſe for the Grey hounds, and place them accordingly, and as near as they can let them foreſtal with their Grey-hounds the ſame way that the *Wolves* did or are flying either then or the night before; but if the *Wolves* be in the Coverts near the Carrion that was laid for them to feed upon, then let there be Hewers ſet round the Coverts to make a noiſe on every ſide, but onely that where the Grey-hounds do ſtand; and let them ſtand thick together, making what noiſe they can to force them to the Grey-hounds: Then let the Huntſman go with his Leam-hound, and draw from the Carrion to the Thickets-ſides where the *Wolves* have gone in, and there the Huntſman ſhall caſt off the third part of their beſt Hounds; for a *Wolf* will ſometimes hold a Covert a long time before he will come out.

The Huntſmen muſt hold near in to the Hounds, blowing hard, and encouraging them with their Voice: for many Hounds will ſtrain courteſie at this Chaſe, although they are ſtrong and fit for all other Chaſes.

When the *Wolf* cometh to the Grey-hounds, they who hold them will do well to ſuffer the *Wolf* to paſs by the firſt rank until he come further, and let the laſt

Rank

Rank let ſlip their Grey-hounds full in the face of the *Wolf*, and at the ſame inſtant let all the other Ranks let ſlip alſo: ſo that the firſt Rank ſtaying him but ever ſo little, he may be aſſaulted on all ſides at once, and by that means they ſhall the more eaſily take him.

It is beſt entring of Hounds at young *Wolves* which are not yet paſt half a year or a year old; for a Hound will hunt ſuch more willing, and with leſs fear than an old *Wolf*; or you may take *Wolves* alive in Engines, and breaking their Teeth, enter your Hounds at them.

A man may know a Dog-*Wolf* from a Bitch by the Tracks of his Feet; for the Dog hath a greater Heel; a greater Toe, greater Nails, and a rounder Foot. Beſides, the Bitch caſteth her Fiaunts commonly in the midſt of an High-way, whereas the Dog caſteth them either on the one ſide or the other of the Path.

The Reward of the Dogs is thus: when they have bit and ſhaked the dead *Wolf*, let the Huntſman then open his Belly ſtraight along, and taking out his Bowels, let him throw in Bread, Cheeſe, and other Scraps, and ſo let the Dogs feed therein.

Wild-Goat-*hunting*.

I Never could read or hear that there was ever any ſuch Chaſe in *England* as the hunting of the wild-*Goat*: But ſince there may be ſuch ſport in *Wales*, as there hath been elſewhere, it will not be much amiſs to give ſome ſhort account thereof.

The Wild-*Goat* is as big as a *Hart*, but not ſo long, or ſo long Leg'd, but is as fleſhy. They have Wreaths and

and Wrinkles on their Horns, which declare what their age is: for according to the quantity of the Wreaths, ſuch is the number of their years; which Wreaths he Meweth, but not his Beam, the which may be, if he be an old *Goat*, as big as a mans Leg.

They have a great long Beard, and are of a browniſh gray colour very ſhaggy, having a long black Liſt down the ridge of the Back, and the Track is bigger than the Slot of a *Hart*.

They Fawn as a *Hinde* or *Doe* in *May*, and have but one Fawn, which they ſuckle and bring up as the tame *Goat* doth her Kid.

They feed like *Deer*, onely they will eat beſides Ivy, Moſs, and ſuch-like. In Spring they make their Fumets round, and afterwards broad and flat, as the *Hart* when he comes to feed well.

They go to Rut about *Alhallontide*, and continue therein a Month or five Weeks; that ſeaſon being over, they deſcend from the Mountains and Rocks, their abode for the Summer-ſeaſon, and herd themſelves, not onely to avoid the Snow, but becauſe they can find no Food any longer; and yet they come not very low, but keep at the foot of the Mountains, feeding there till *Eaſter*: then they return again, every one chuſing ſome ſtrong Hold in the Rocks, as the *Harts* in the Thickets.

About Fawning-time the Females ſeparate from the Males, attending till Rutting-time: in this interval they will run at Man or Beaſt, and fight as *Harts* do one amongſt the other.

When he goeth to Rut, his Throat and Neck is much bigger than uſual: he is very ſtrong backt; and (which is wonderful) though he ſhould fall from on high ten Poles length, he will receive no harm; and will walk as ſecurely on the ſharp tops of Rocks, as a Horſe in the High-way.

Alhallontide is the chiefeſt ſeaſon for hunting theſe Wild-*Goats*, obſerving very well before you hunt, the advantages of the Coaſts, the Rocks and places where the *Goats* do lie.

Having thus done, ſet Nets and Toils toward the Rivers and Bottoms; for you cannot expect your Hounds ſhould follow a *Goat* down every place of the Mountains.

Alſo it will be needful that ſome ſtand on the Top of the Rocks, and throw down Stones as they ſee occaſion. Where the *Goat* goeth down to the ſmall Brooks or waters in the Bottom, there place your Relays, and let the Relays never tarry till the Hounds come in which were caſt off: and this is your beſt help; for a man can neither follow on foot nor horſe-back.

Hunting of the Wild-Boar.

THe *Boar* is ever pigg'd with as many Teeth at firſt as he ſhall have ever after, which will onely increaſe in bigneſs, not number. Amongſt the reſt, they have four which are called *Tuſhes*, or *Tuſks*, whereof the two biggeſt do not hurt when he ſtrikes, but ſerve onely to whet the other two loweſt, with which they frequently kill.

They feed upon all kinde of Corn and Fruits which they can come at; alſo Roots. In *April* and *May* they feed on the Buds of Plumb-trees, and Cheſ-nut-trees, and all other ſweet Buds they can finde, eſpecially on the Buds of Broom and Juniper, and are never meaſled, as our tame Swine. Being near the Sea-coaſt, they will feed on all manner of Shell-fiſh.

Their ſeaſon beginneth in the midſt of *September*, and

and endeth about the beginning of *December*, at which time they go a *Brimming*. A *Boar* will commonly abide the Bay before he goes out of his Den; and he lies moſt commonly in the ſtrongeſt Holds of Thorns and thick Buſhes.

If it ſo chance that there is a *Sounder* of them together, then if any break Sounder, the reſt will run that way: and if you hunt a *Boar* from a thick and ſtrong Covert, he will not fail to go back by the ſame way he came thither: and when he is rear'd he never ſtays, but flies continually till he comes to the place where he was farrow'd and brought up. This Mr. *Turbervile* obſerved himſelf when he was in *France*; atteſting he ſaw a *Boar* hunted from a Thicket, which returned the ſame way he came to the place of his Farrowing, which was diſtant ſeven French Leagues. And this was performed by the Track of his Feet.

If he be hunted in a Foreſt or Hold where he was bred, he will hardly be forced out of it. Sometimes he will take head, and ſeem to go out, and will draw to the outſides of the Wood; but it is onely to hearken on every ſide: and if he hear the noiſe of the Hounds, then will he return, and will not be compell'd to go that way till night. But having broken out of a Foreſt and taken head end-ways, he will not be put out of his way either by Man, Dog, Voice, Blowing, or any thing.

A *Boar*, eſpecially a great one, will not cry when you kill him: The Sows and young Swine will ſometimes.

Terms to be uſed in Boar-*hunting.*

If it ſhould be demanded what you will call a *Boar* of three years old; you may anſwer, He is a *young Boar which hath lately left the Sounder.* An old *Boar*

you muſt call a *Singular*, or *Sanglier*, *that hath left the Sounder four or five years ſince.* In making of a report, if you are asked where the *Boar* fed the night before, you may ſay, he *fed* in the Corn; but if in the Fields or Meadows, you muſt then ſay, he hath been *Routing* and *Worming* in ſuch a place, or ſuch a Fern-field. Where note, that whatſoever he feeds on, excepting Roots, is called *Feeding*; the other is called *Routing*, *Worming*, or *Fearning:* but when he feedeth and routeth not, you muſt then call that *Graſing*.

Boar-*hunting with Hounds at force.*

Be adviſed not to hunt a young *Boar* of three years old at force; for he will ſtand up as long, if not longer than any light young *Deer* which beareth but three in the top: but in the fourth year you may hunt him at force, as you do a *Hart* of ten.

In the rearing of your *Boar*, you need not be afraid to come near him, for he values you not, and will lie ſtill, and will not be rear'd by you alone.

Here note, that if a *Boar* intends to abide in his Den, Couch, or Fort, then will he make ſome Croſſing or doubling at the entry thereof upon ſome High-way or beaten Path: by ſuch means a Huntſman, being early in the Woods, may judge of the Subtlety of the *Boar*, and accordingly may make preparations for his Game.

If he be a great *Boar*, and one that hath lain long to reſt, let him hunt him with good ſtore of Hounds, and ſuch as will ſtick cloſe to him; and let him on Horſe-back be ever amongſt them, charging the *Boar*, to diſcourage him: for if you hunt ſuch a *Boar* with half a dozen couple of Dogs, he will not value them; and they having chafed him, he will take courage and keep them ſtill at Bays, running upon any thing he ſeeth

ſeeth before him. But if he be charged home, and hard laid unto with the Hounds, he will turn head and fly.

If you ſtrike at him with your Sword or *Boar*-ſpear, ſtrike not low, for then you will hit him on the Snout, which he little values; for he watcheth to take blows upon his Tusks or thereabouts: but lifting up your hand, ſtrike right down, and have a ſpecial care of your Horſe; for if you ſtrike and hurt him, ſo will he you if he can.

It behoveth the Hunters of *Boars* to be very wary; for he will run fiercely without fear upon his purſuers: in which encounter, if he receive not his deaths wound, he overthroweth his adverſary, except he fall flat on the ground, and then he need not fear much harm; for his Teeth cannot cut upward but downward: but it is otherwiſe with a Female; for ſhe will bite and tear any way.

It is good to raiſe this Beaſt early in the Morning before he hath made Water, for the burning of his Bladder doth quickly make him weary.

When the *Boar* is firſt raiſed out of the Wood, he ſnuffeth in the wind, lifting up his Noſe to ſmell what is with him, and what againſt him; and rarely ſtrikes a man till he be firſt wounded himſelf.

The Hunting-ſpear muſt be very ſharp and broad, branching forth into certain Forks, ſo that the *Boar* may not break through them upon the Huntſman: The beſt places to wound him in therewith, are the middle of his Forehead betwixt his Eye-lids, or elſe upon the Shoulder; either of theſe Wounds is mortal.

If the *Boar* make head againſt the Hunter, he muſt not fly for it, but muſt meet him with his Spear, holding one hand on the middle of it, and the other at the end, ſtanding one foot before another, having

an eſpecial eye to the Head of the Beaſt which way ſoever he windeth or turneth the ſame: for ſuch is the nature of the *Boar*, that ſometimes he ſnatcheth the Spear out of their hands, or elſe recoileth the force back again upon the Hunter, by both which means he is in great danger of life: whenſoever this happeneth there is but one remedy, which is; another of his Companions muſt come and charge the *Boar* with his Spear, and then pretend to wound him with his Dart, but not caſting it for fear of hurting the Hunter. The *Boar* ſeeing this, forſaketh the firſt man, and ruſheth upon the ſecond, who muſt look to defend himſelf with all dexterity, compoſing his Body, and ordering his Weapons according to artificial *Boar*-hunting: in the mean time he that was overthrown muſt riſe again, taking freſh hold on his Spear, and with all courage aſſault his Adverſary, and aſſiſt his Friend who was the cauſe of the ſaving of his life.

When he feeleth himſelf ſo wounded that he cannot live, were it not for the Forks of the *Boar*-ſpear, he would preſs it on his Vanquiſher, and ſo revenge his death: For ſuch is the fury of this Beaſt, that he will endeavour to wound and kill, although he feel upon him the pangs of death; and what place ſoever he biteth, whether Man or Dog, the heat of his Teeth cauſeth the Wound to be inflamed: and for this cauſe, if he but touch the Hair of a Dog, he burneth it off: nay, Huntſmen have tried the heat of his Teeth, by laying Hairs on them as ſoon as he was dead, and they have ſhrivel'd up as with a hot-Iron.

To conclude; the ſame Deviſes, Diligence, Labour, Proſecution, and Obſervations are to be uſed in the hunting of the *Boar*, which are preſcribed for the hunting of the *Hart*. Not but that there are ſeveral policies and Stratagems which have been invented, and are ſtill uſed in ſeveral Countries, whereby to take them

them without the purſuit of Dogs; to the knowledge whereof I ſhall refer the Reader to *Blondus*, *Oppianus*, *Geſner*, *Turbervile*, and many others both antient and modern Writers, who have largely treated on this Subject.

Of the Nature and Properties of a Bear, *and after what manner hunted.*

THere are two ſorts of *Bears*, a greater and a leſſer; the laſt is more apt to climb Trees than the other.

Bears are bred in many Countries; in the *Helvetian Alpine* Region they are ſo ſtrong and courageous, that they can tear in pieces both Oxen and Horſes; for which cauſe the Inhabitants are ſtudiouſly laborious in the taking them.

A *Bear* is of a moſt Venereous and Luſtful diſpoſition; for night and day the Females with moſt ardent inflam'd deſires do provoke the Males to copulation; and for this cauſe at that time they are moſt fierce and angry. The time of their Copulation is in the beginning of Winter, and the manner of it is like to a man's; the Male moving himſelf upon the Belly of the Female, which lieth flat on her Back, and they embrace each other with their Fore-feet: they remain a very long time in that act; in ſo much (as ſome have obſerved, how true I cannot ſay) that if they were very fat at their firſt entrance, they diſ joyn not themſelves again till they be lean.

There is a ſtrange report in Hiſtory, (if it be true) That in the Mountains of *Savoy* a *Bear* carried a young Maid into his Den by violence, where in a venereal

manner he had the carnal uſe of her Body; and while he kept her in his Den, he daily went forth and brought her the beſt fruits he could get, preſenting them to her as Food, as courtly as he could do it; but always when he went to forrage, he rowled a very great Stone to the mouth of his Den, that the Virgin ſhould not make her eſcape from him: at length her Parents, with long ſearch, found their Daughter in the *Bear*'s Den, who delivered her from that beaſtial captivity.

They are naturally very cruel and miſchievous unto all tame Beaſts, and are very ſtrong in all parts of their Body but their head, whereon a ſmall blow will kill them.

They go to mate in the beginning of the Winter, ſome ſooner, ſome later, according to their reſt and feeding; and their heat laſteth not paſſing fifteen days.

When the ſhe-Bear perceiveth her ſelf with whelp, ſhe withdraws her ſelf into ſome Cave, or hollow Rock, and there remains till ſhe brings forth her Whelps, where without meat they grow very fat, eſpecially the Males, onely by ſucking their Fore-feet. When they enter into their Den, they convey themſelves backward, that ſo they may put out their Foot-ſteps from the ſight of the Hunters.

The nature of all of them is to avoid cold, and therefore in the Winter-time they hide themſelves, chuſing rather to ſuffer Famine than cold; lying for the moſt part three or four months together and never ſee the light, whereby in a manner their Guts are clung together: coming forth, they are ſo dazled by long darkneſs, being in the light again, that they ſtagger and reel to and fro; and then by a ſecret inſtinct they remedy the ſtraightneſs of their Guts by eating an Herb called *Arum*, in Engliſh *Wake-Robbin* or *Calves-*

foot,

foot, by the acidity whereof their Guts are enlarged; and being recovered, they remain more fierce and cruel than at other times, during the time their young are with them: and this is the Herb, ſome ſay, which they eat to make them ſleep ſo long in Winter without ſenſe of cold or hunger.

They are Whelped moſt commonly in *March*, ſometimes two, and not above five in number; the moſt part of them are dead one whole day after they are whelped; but the *Bear* doth ſo lick them and warm them with her breath, and hug them in her Boſome, that ſhe quickly revives them again.

It is commonly received as a truth, (though it be a palpable vulgar errour) *That the Whelps of* Bears *at their firſt littering are without all form and faſhion, and nothing but a little congealed Blood like a lump of Fleſh, which afterwards the old one frameth with her Tongue by licking them to her own likeneſs.* This opinion may be eaſily diſproved; for they are onely littered blind without Hair, and the Hinder-legs not perfect, the Fore-feet folded up like a Fiſt, and other Members deformed, by reaſon of the immoderate Humour or moiſtneſs in them; which alſo is one cauſe why ſhe cannot retain in her Womb the Seed to the perfection of the young ones, whereof *Joachimus Rheticus* is an Eye-witneſs.

As ſoon as the Dam perceiveth her Cubs to grow ſtrong, ſhe ſuckleth them no longer, by reaſon of their curſtneſs; for they will ſorely bite her if they cannot get Suck enough. After this ſhe preyeth abroad upon any thing ſhe can meet with, which ſhe eats, and caſts up again to her young ones, and ſo feeds them till they can prey for themſelves: They will climb a Tree for the Fruit.

If they be hunted, they will follow a man, but not run upon him unleſs they are wounded. They are very

very ſtrong in their Paws, in ſuch ſort, that they will ſo hug a man or Dog till they have broke his Back, or ſqueez'd his Guts out of his Belly: with a ſingle Paw they will pull a luſty Dog to their tearing and devouring Mouth. They bite very ſeverely; for they will bite a mans Head to the very Brains; and for an Arm or Leg, they will craſh it as a Dog may do a ſlender bone of Mutton.

When they are hunted, they are ſo heavy that they make no ſpeed, and ſo are always in ſight of the Dogs: They ſtand not at Bay as a *Boar*, but fly wallowing; but if the Hounds ſtick in, they will fight valiantly in their own defence; ſometimes they ſtand up ſtraight on their hinder-feet, and then take that as a ſigne of fear and cowardiſe; they fight ſtouteſt and ſtrongeſt on all four.

They have an excellent ſcent, and ſmell further off than any other Beaſt except the *Boar*; for in a whole Forreſt they will ſmell out a Tree laden with Maſt.

They may be hunted with Hounds, Maſtiffs, or Grey-hounds; and they are chaſed and killed with Bows, *Boar*-ſpears, Darts, and Swords; ſo are they alſo taken in Snares, Caves, and Pits, with other Engines.

They do naturally abide in great Mountains; but when it ſnoweth, or in hard Weather, then they deſcend into Valleys and Foreſts for proviſion. They caſt their Leſſes ſometimes in round Croteys, and ſometimes flat like a Bullock, according to their feeding.

They go ſometimes a gallop, and at other times an amble; but they go moſt at eaſe when they wallow.

When they come from their feeding they beat commonly the High-ways and beaten Paths: and whereſoever they go out of the High-ways, there you may be ſure they are gone to their Dens; for they uſe no doublings nor ſubtleties. They

They tumble and wallow in Water and Mire as Swine, and they feed like a Dog. Some ſay their fleſh is very good food, let who will eat it for me, who are not ſo nicely palated as my ſelf.

The beſt finding of a *Bear* is with a Leam-hound; and yet he who is without one may trail after a *Bear* as we do after a *Buck* or *Roe*, and you may lodge and hunt them as you do a *Bear*. For the more ſpeedy execution, mingle Maſtiffs among your Hounds; for they will pinch the *Bar*, and ſo provoke her to anger, until at laſt they bring her to the bay; or elſe drive her out of the Plain into the Covert, not letting her be at reſt till ſhe fight in her own defence.

Of the Beaver.

A *Beaver* differeth but a little from an *Otter* but in his Tail: his colour is ſomewhat yellow and white aſperſed with Aſh-colour, which ſtand out beyond the ſhorter Hairs, double their length; and are neat and ſoft like an *Otters*.

There is plenty of them in the River *Pontus*, whence the *Beaver* by ſome is called *Canis Ponticus*: They are alſo bred in *Spain*, ſome few in *France*, *Germany*, *Polonia*, *Sclavonia*, *Ruſſia*, *Pruſſia*, *Lithuania*; and abundance of them in *New-England*.

Theſe Beaſts are Amphibious, living both on Land and Water both freſh and ſalt, keeping the laſt in the day-time, and the firſt in the night: Without Water they cannot live; for they participate much of the nature of Fiſh, which may be gathered from their Tails and Hinder-legs.

They are about the bigneſs of a Country Cur; their

their Head ſhort; their Ears ſmall and round; their Teeth very long, the under-Teeth ſtanding out beyond their Lips three fingers breadth, and the upper about half a finger, being very broad, crooked, ſtrong, and ſharp, ſtanding very deep in their Mouth, wherewith they defend themſelves againſt Beaſts, take Fiſhes as it were upon Hooks, and will gnaw in ſunder Trees as big as a man's Thigh.

Their Fore-feet are like Dogs, and their hinder like Geeſe, made as it were on purpoſe to go on the Land, and ſwim in the Water; but the Tail of this Beaſt is moſt ſtrange of all, being without Hair, and covered over with a Skin like the Scales of a Fiſh, it being like a Soal, and for the moſt part ſix fingers broad, and half a foot long. They are accounted a very delicate diſh, and eat like Barbels: the manner of their dreſſing is by roaſting them firſt, and boiling or ſtewing them afterwards; they muſt be food that is very ſweet, ſince this Proverb proceeded from them: *Sweet is that Fiſh which is no Fiſh at all.*

As for the wonderful manner of their building, I ſhall let that alone, ſince it is at large deſcribed by *Geſner* in his *Hiſtory of Beaſts*, pag. 36.

There is nothing ſo valuable in this Beaſt as his Stones; for they are in great eſteem, and a precious commodity.

It hath been the opinion of ſome, that when a *Beaver* is hunted, and is in danger to be taken, he biteth off his own Stones, knowing that for them onely is he thus purſued: but this is found to be a meer Fiction; for their Stones being ſmall, and placed like a *Boar*'s, it is impoſſible for them to come at them.

They are taken for their Skins, Tails, and Cods, and that many ways. Firſt, when their Caves are found: (in which are ſeveral Chambers built one over another by the Water-ſide, to aſcend or deſcend according as

as the Water riſeth or falleth) I ſay, their abode being found, they make a breach therein, wherein is put a little Dog, which the *Beaver* perceiving, flies inſtantly to the end of her Cave, and there defendeth her ſelf with her Teeth, till all her building be raſed, and ſhe laid open to her Enemies, who kill her with Inſtruments for that purpoſe. Theſe Dogs for the *Beaver* are the ſame which hunt *Otters*.

They cannot dive long time under Water, but muſt put up their Heads for Breath; which being ſeen by thoſe who are hunting them, they kill them with Gun-ſhot or *Otter*-ſpears: His nature is, if he hear any noiſe, to put up his Head above Water, whereby he is diſcovered, and ſo loſeth his life. Thoſe Skins are beſt which are blackeſt.

Of the Elk.

THis Beaſt is twice as big as a *Hart*, whoſe Upper-lip is ſo great, and hangeth over the nether ſo far, that he cannot eat going forward; but as he eateth he goeth backward, and ſo gathereth up his ſuſtenance.

His Mane is divers both on the top of his Neck, and underneath his Throat, which buncheth like a Beard, or curled lock of hair; his Neck is very ſhort, diſproportionable to his Body.

He hath two very large Horns bending towards the Back in a plain edge, and the ſpires ſtand forward to the Face: both Males and Females have them; they are ſolid at the Root and round, but afterwards branched; they are broader than a *Hart*'s, and are very heavy, being not above two ſcot long; and theſe Horns

Horns they mew every year: He is coloured for the moſt part like a *Hart*, and hath cloven Feet, but without Joynts (like an Elephant) in his Fore-legs, and therefore ſleepeth leaning to Poſts or Trees; and fighteth not with his Horns, but Fore-feet.

It is a moſt timorous creature, not deſiring to ſtir much, unleſs provoked thereunto by hunting. There is no danger in hunting this Beaſt, except a man come right before him: for if this Beaſt faſten his Fore-feet on him, he cannot eſcape alive; but if it receive any ſmall wound, it inſtantly dies.

They are taken by Nets and Toils, or as Elephants are taken: for when they have found the Trees whereunto they lean, they ſo cut and ſaw them, that when the *Elk* cometh, he overthroweth the Tree and falleth with it; and being not able to riſe, is ſo taken alive. When they are chaſed eagerly, and can finde no place to reſt themſelves in and lie ſecret, they run to the Waters, and therein ſtand, taking up waters into their mouths; and in a little time do ſo heat it, that ſquirting it out upon the Dogs, the heat thereof ſo ſcaldeth them, that they dare not come nigh or approach them any more.

Many more Exotick Beaſts I might here inſert, deſcribing their natures, and the manner of their Forrain hunting; but, ſince they are not to be found in *England*, let theſe ſuffice which I have already deſcribed.

Dogs

Dogs Diſeaſes remedied, and their Hurts healed, according to the beſt Preſcriptions of Ancient and Modern Huntſmen.

Of a five-fold Madneſs in a Dog : *the Symptomes of the Maladies, and their Cure.*

THe Antients have derived *Rabies*, madneſs, from *Ravies*, hoarſeneſs of Voice, for mad Dogs have no perfect Voice: but it is more probable, that *Rabies* cometh *à Rapiendo*; becauſe when a Dog beginneth to go mad, he biteth, runneth, ſnatcheth, and roves to and fro, to his own perdition. A mad Dog is moſt dangerous in the Dog-days; for at that time the very Foam or Spittle falling on a man breeds danger.

There are properly ſeven ſorts of Madneſſes which afflict a Dog, whereof two of them are incurable, and therefore I ſhall ſpeak little of them; onely ſo much as may give you warning to ſhift them from your other Dogs, becauſe their Diſeaſe is infectious; and that you may beware of them your ſelf, leſt they injure you; for their biting is dangerous.

The firſt of theſe incurable Madneſſes is called the *Hot burning Madneſs*, and is known by theſe Symptoms. Firſt, when they run, they raiſe their Tails bolt-upright, and run upon any thing that ſtands before them, having no reſpect where nor which way they run: alſo their Mouths will be very black, having no foam in nor about them. They will not continue thus above three or four days, after which time they die, their pain being ſo intolerable. Where note, that all

all thoſe Dogs they have bitten and drew blood from, will be mad in like manner.

The ſecond is called the *Running Madneſs*, and is leſs dangerous, however incurable. The Dogs that are troubled with this Madneſs run not on Men, but Dogs, and on no other Beaſts. The Symptoms are, they will ſmell on other Dogs, and having ſmelt them, will ſhake and bite them, yet ſhaking their Tails, and ſeeming to offer no harm: with other tokens I omit for brevity ſake.

Of the Dumb *Madneſs.*

The five Madneſſes (or rather Sickneſſes) which are curable, are theſe.

The firſt is called the *Dumb* Madneſs, and is thus known: the Dog that is troubled therewith will not feed, but holds his Mouth wide open continually, putting his Feet to his Mouth frequently, as if he had a Bone in his Throat.

The Cure is thus: Take four ounces of the juice of *Spathula putrida*, and put it into a Pot; then take the like quantity of the juice of black Hellebore, and as much of the juice of Rue: having ſtrained them all well through a fine cloath, put them into a Glaſs: then take two drams of Scammony unprepared, and having mingled it with the former juices, put it into a Horn or Funnel, and convey it down his Throat, keeping his Head up ſtraight, leſt he caſt it up again: then bleed him in the Mouth, cutting three or four Veins in his Gums that he may bleed the better; and in a ſhort time you will find amendment. Or you may onely take eight drams of the juice of an Herb called Harts-horn, or Dogs-tooth, and you will finde it a moſt excellent Receipt againſt any madneſs whatſoever.

Of

Of the Falling *Madneſs.*

The ſecond is called the *Falling* Madneſs: the Diſeaſe lieth in their Heads, which maketh them reel as they go, and fall.

The Cure is thus: Take four ounces of the juice of Piony, with the like quantity of the juice of Briony, the like of the juice of *Cruciata*, and four drams of Staveſacre pulverized: mingle theſe together, and give it your Hound or Dog as aforeſaid: then let him blood in the Ears or the two Veins which come down the Shoulders; and if he is not cured at firſt, give it him a ſecond or third time.

Of the Lank *Madneſs.*

The third kinde of Madneſs is called the *Lank* Madneſs, by reaſon of the Leanneſs of their Bodies occaſioned by *Skummering.*

The Cure is thus: Firſt, purge your Dog with this Potion: Take an ounce and half of *Caſſia fiſtularis* well cleanſed, two drams and a half of Staveſacre pulverized, and the like quantity of Scammony prepared in White-wine-vinegar, and four ounces of Oyl-olive; temper theſe and warm them over the Fire, and give it your Dog. In the morning put him into this Bath faſting as followeth: Put into ſix Pails full of Water ten handfulls of Mugwort, of Roſemary, of red-Sage, of the Roots or Leaves of Marſh-mallows, of the Roots or Leaves of Wall-wort, of the Roots or Stalks of Fennel, of the Leaves or Stalks of Elecampane, Baulm and Rue, Sorrel, Bugloſs and Mellilot; let theſe boil together in two thirds of Water and the other Wine, until one third be conſumed: the Bath being no hotter than your Dog can endure it, bathe him

therein for the ſpace of an hour; then taking him out, put him in ſome warm place for fear of catching cold. Do this four or five times in the ſame Bath, and it will cure.

Of the Sleeping *Madneſs.*

The fourth Madneſs is called the *Sleeping* Madneſs, and is cauſed by ſome little Worms breeding in the mouth of the Stomack from corrupt Humours, the vapours and fumes whereof aſcending into the Head, make the Dog ſleep continually, and frequently he dieth ſleeping.

For the Cure, you muſt take five ounces of the juice of Wormwood, with two ounces of the powder of Harts-horn burned, and two drams of Agarick: mingle theſe together; and if they be too thick, thin them with White-wine, and give it your Dog to drink.

Of the Rheumatick *or* Slavering *Madneſs.*

This Madneſs is called ſo, becauſe, when a Dog hath got it, his Head ſwelleth, his Eyes are as yellow as a Kite's-foot, and he commonly ſlavereth at the mouth.

The Cure is thus: Take ſix ounces of the juice of Fennel-roots, and the like quantity of the juice of Miſſeltoe, four ounces of the juice of Ivy, four ounces of the Powder of the Roots of Polypodie; boil theſe in White-wine, and give it your Dog to drink as hot as he can ſuffer it.

Here note, that when a Dog hath any of theſe kinds of Madneſſes he will have no deſire to eat, faſting frequently eight or nine days, and ſo ſtarving to death. Nay, if they are troubled with any diſtemper they will refuſe their meat, nay, the daintieſt bit you can give them, until they have eaten Graſs, and have cleared their

their Stomack of what did offend it, and then they will eat.

Concerning the Madneſs of Dogs, *and their Venomous Bitings.*

I think no reaſonable man ought to queſtion why the Teeth of a mad Dog ſhould do more harm than thoſe of a ſound one; becauſe in rage and anger the Teeth of every Beaſt and creature receive Venome and Poyſon from the Head, whereby when they bite at that time they do much more harm.

Againſt the ſimple biting of a Dog, take the Urine of a Dog, which is ſufficient, ſince there is but little Venome in thoſe Wounds. To lay the Hair of the ſame Dog thereon, (though ſo much talkt on) I look upon as a meer foppery. Or being bit by a Dog, take Vinegar, and with your Hand rub the wound very well; then pour into it Vinegar mixed with Water or Nitre; then wet a Spunge in the ſame liquids, and ſo let it remain bound up three days; then take Pellitory of the Wall, mingled and beaten with Salt, or any other Plaiſter for green Wounds.

Divers are the Cures and Remedies for biting of mad Dogs; which I omit in this place, as belonging not to my Subject, but to Phyſick.

A Remedy againſt the common Mange.

This Diſtemper befalls a Dog frequently for want of freſh water to drink when he deſires it, and ſometimes by foul Kennelling, and ſometimes by Foundering and melting his Greace.

You may cure it in this manner: Take two handfuls of wild Creſſes, two handfuls of Elecampane, and as much of the Leaves and Roots of Roerb and

Sorrel, and two pound of the Roots of Frodels; make them all boil well in Lye and Vinegar: having ſtrained the Decoction, put therein two pound of gray Soap; and when it is melted therein, then rub your Dogs with it four or five days together, and it will cure them.

A brief diſcourſe of the cure of Maladies belonging to Spaniels, *with other accidents happening.*

HOw neceſſary a thing a *Spaniel* is to Faulconry, and for thoſe that delight in that noble Recreation, keeping Hawks for their paſtime and pleaſure, I think no body need queſtion, as well to ſpring and retrive a Fowl being flown to the mark, as alſo divers other ways to help and aſſiſt Faulcons and Goſ-hawks.

Now ſince they are ſubject to many diſeaſes and caſualties, I ſhall endeavour to propound a ſuitable Cure for them; and firſt, I ſhall begin with the Mange, as the capital Enemy to the quiet and beauty of a brave *Spaniel*, wherewith poor creatures they are often grievouſly troubled, and as frequently infect others.

For the cure of this diſtemper, take a pound of Barrow Flick, common Oyl three ounces, Brimſtone well pulverized four ounces, Salt well beaten to powder, Aſhes well ſifted and ſearced, of each two ounces; boil all theſe in a Kettle or Earthen-pot, and when they are all well incorporated together, anoint your *Spaniel* with this thrice every other day, either againſt the Sun or Fire: having ſo done, waſh him all over with good ſtrong Lye, and this will kill the Mange. Remember you ſhift his Kennel and Litter often.

If

If the *Spaniel* loſe its Hair, as it often happens, then bathe your *Spaniel* in the water of Lupines or Hops, and anoint him with ſtale Barrows Flick.

This Ointment, beſides the cure, maketh his Skin look ſlick and beautiful, and kills the Fleas, the Dogs diſquieters, and Enemies to his eaſe.

If this be not ſtrong enough to deſtroy this malady, then take two quarts of ſtrong Vinegar, common Oyl ſix ounces, Brimſtone three ounces, Soot ſix ounces, brayd Salt and ſearced two handfuls: boil all theſe together in the Vinegar, and anoint your Dog as aforeſaid. This Receipt muſt not be adminiſtred in cold weather, for it may hazard his life in ſo doing.

If a *Spaniel* be not much troubled with the Mange, then it is eaſie to cure him thus:

Make bread with Wheaten-bran, with the Roots, Leaves, and Fruit of Agrimony, beating them well in a Mortar, and, making it into a Paſte or Dough, bake it in an Oven, and ſo made, give thereof to your *Spaniel*, giving him no other bread for ſome time, letting him eat as long as he will.

Cure of the Formica.

In the Summer-time there is a ſcurvy malady which very much afflicts a *Spaniel*'s Ears, and is occaſioned by Flys and their own ſcratching with their Feet: We term it a *Mange*, the *Italians*, *Formica*, and the *French*, *Fourmier*.

For the Cure, take Gum Dragaganth four ounces infuſed in the ſtrongeſt Vinegar may be gotten, for the ſpace of eight days, and afterwards bruiſed on a Marble-ſtone, as Painters do their Colours, adding unto it Roch-Allum and Galls beaten to powder, of either two ounces; mingle all theſe well together, and lay it on the place afflicted.

For Swelling in the Throat.

By reaſon of a Humour diſtilling from the Brain, the Throat of a *Spaniel* will often ſwell unreaſonably. For cure whereof, anoint the grieved place with Oyl of Camomile; then waſh it with Vinegar not over-ſtrong mixed with Salt. *Probatum eſt.*

Of Worms breeding in the Hurts and Mangy parts of a Spaniel.

Theſe Worms do hinder the cure of the Mange or Wounds, cauſing them to continue at one ſtay, or to grow worſe and worſe. To remove this hindrance, take the Gum of Ivy and convey it into the Wound, and let it there remain a day or two, waſhing the Wound with Wine; and after that anoint it with Bacon-greaſe, Oyl of Earth-worms, and Rue.

The powder of wild Cucumbers is excellent good to kill theſe Worms, and will prove a good Corroſive, alſo eating away the dead fleſh, and increaſing the good.

If the Worms be within the body, you muſt deſtroy them in this manner: Cauſe your *Spaniel*, by fair means or foul, when faſting, to eat the Yolk of an Egg with two ſcruples of Saffron pulverized and conſected with the ſame Egg, keeping him after it faſting till night.

When a *Spaniel* is hurt, as long as he can come to lick the Wound with his Tongue he needs no other remedy; his tongue is his beſt Chirurgeon: but when he cannot do that, then ſuch wounds as are not venomous you may cure with the powder of *Matreſilva* dried in an Oven, or in the Sun. If it be a bite of a *Fox*, anoint it with Oyl wherein Earth-worms and Rue have been boiled together. If by a mad Dog, let him lap twice or thrice of the broth

broth of Germander, and eat the Germander too boiled.

Others bore the Skin of his Neck through with a hot-Iron juſt betwixt his Ears, ſo as the fire may touch both ſides of the Hole made: after that, plucking up the Skin of the Dog's Shoulders and Flanks backwards, thruſt it through with a hot-Iron in like manner: by giving the Venom this vent, it is a ready way to cure him.

To help a Spaniel *that hath loſt his ſenſe of Smelling.*

Spaniels, ſometimes, by reaſon of too much reſt and greaſe, or ſome other accident, do loſe their ſenſe of Smelling, ſo as they cannot ſpring or retrive a Fowl after their uſual manner: To recover it again, take Agarick two drams, Sal Gemma one ſcruple; beat theſe into powder, and incorporate them with Oxymel, making a Pill as big as a Nut, cover it with Butter, and give it the Dog by fair means or foul. This will bring him into a quick ſcent, as I have oftentimes proved it.

The benefit of cutting off the tip of a Spaniel's *Tail or Stern.*

It is neceſſary for ſeveral reaſons to cut off the tip of a *Spaniel*'s Stern when it is a Whelp. Firſt, by ſo doing Worms are prevented from breeding there; in the next place, if it be not cut, he will be the leſs forward in preſſing haſtily into the Covert after his Game; beſides this benefit, the Dog appears more beautiful.

An Abstract of such penal LAWS As relate to HUNTERS & HUNTING.

STat. 13 R. 2. cap. 13. No man who hath not Lands of 40 s. per ann. nor Clerk who hath not 10 l. revenue per ann. shall have or keep any Grey-hound, Hound, Dog, Ferret, Net, or Engine to destroy Deer, Hares, Coneys, or any other Gentlemans Game, in pain of one whole years imprisonment, which Justices of Peace have power to inflict.

Stat. 1 H. 7. cop. 7. If any shall hunt within Forests, Parks, or Warrens in the night-time, or disguised, one of the Kings Council, or a Justice of Peace to whom information shall be made, shall by his Warrant cause the Offender to be brought before himself, or some other Councellor or Justice of Peace to be examined, where if he conceal the Fact, such hunting shall be deemed Felony; but being confessed, the Offence is onely finable at the next general Sessions. And here a Rescous of the Execution of any such Warrant shall be also deemed Felony.

Stat. 19 H. 7. cap. 11. None shall keep any Deer-hays, or Buck-stalls (save in his own Forest or Park) in pain to forfeit for every Month

Month they are so kept 40 s. Neither shall any stalk with any Bush or Beast to any Deer, except in his own Forest or Park, in pain of 10 l.

Stat. 14, 15 H. 8. cap. 10. None shall trace, destroy, or kill any Hare in the Snow, in pain of 6 s. 8 d. for every such Offence: which penalty assessed in Sessions shall go to the King; but in a Leet, to the Lord thereof.

Stat. 3 Jacob. cap. 13. None shall (without the Owners License) kill or chase any Deer or Coneys in any Parks, or inclosed Grounds, in pain to suffer three months imprisonment, to pay treble damages to the party grieved, and to be bound with two good Sureties to the good behaviour for seven years: But the party grieved, having satisfaction, hath liberty to release the Behaviour.

II. By the same Statute it appears, that if any person not having 40 l. per annum in Lands, or 200 l. in Goods, or some inclosed Ground used for Deer or Coneys worth 40 s. per ann. at least, shall use any Gun, Bow, or Cross-bow to kill any Deer or Coneys, or shall keep any Buck-stall, Ferret, Dog, Net, or other Engine, it shall be lawful for any person (having Lands worth 100 l. per ann.) to take such Gun, &c. from any such person, and to convert it to his own use.

Stat. 13 Car. 2. cap. 20. None shall unlawfully Course, Kill, Hunt, or carry away any Deer in any Forest, Chase, Purliew, Wood, Park, or other Ground where Deer have been usually kept, within England and Wales, without the consent of the Owners or Par-

tie

ty chiefly trusted with the custody thereof, or be aiding or assisting therein, upon pain, being convicted by confession, or one Witness, before any Justice of the Peace within six moneths after the Offence, of 20l. to be levied by distress by Warrant of the said Justices: one moity to the Informer, the other to the Owner of the Deer: And for want of distress, to be committed to the House of Correction, or common Goal, for one year, and not discharged till sufficient Sureties be given for the good behaviour.

11. It is nevertheless provided, that upon punishment of this Statute the penalty of no other Law be incurred.

Stat. 22 & 23 Car. 2. cap. 25. It is Enacted, That all Lords of Mannours or other Royalties, not under the degree of an Esquire, may by Writing under their Hands and Seals, Authorize one or more Game-keepers within their respective Mannours or Royalties; who being thereunto so Authorized, may take and seize all such Guns, Bows, Grey hounds, Setting-dogs, Lurchers, or other Dogs to kill Hares or Coneys, Ferrets, Trammels, Low-bells, Hayes, or other Nets, Hare-pipes, Snares, or other Engines for the taking and killing of Coneys, Hares, Pheasants, Partridges, or other Game, as within the Precincts of such respective Mannours shall be used by any person or persons who by this Act are prohibited to keep or use the same. And if any person or persons by this Act prohibited to keep or use any Guns, Dogs, &c. as aforesaid, be upon good ground suspected to have or

or keep in his or their custody, any Guns, Bows, or any sort of Dogs, &c. to destroy Hares, Coneys, &c. Then may the said Game-keeper or Game-keepers, or other person (being thereunto Authorized by Warrant under the Hand and Seal of any Justice of the Peace of the same County, Division, or Place) in the day-time, search the Houses, Out-houses, or other places of such persons so suspected: and if any Gun, Grey-hound, Bows, Setting-dogs, &c. be there found, the same he shall seize, detain, and keep, to and for the use of the Lord of the Mannour or Royalty where the same shall be so found or taken, or otherwise to cut in pieces or destroy, as things by this Act prohibited to be kept by their degree.

II. None having Lands or Tenements, or some other Estate of Inheritance in his own or his Wifes right, of the clear value of 100 l. per ann. or for term of life, or having Lease or Leases of 99 years at least of the clear value of 150 l. Nor the Son and Heir apparent of an Esquire, or other person of higher degree, who are hereby declared to be persons declared by the Laws of this Realm not allowed to have or keep any Guns, Bows, Grey-hounds, Setting-dogs, Ferrets, Coney-dogs, Lurchers, Hayes, Nets, Low-bells, Hare-pipes, Snares, or other Engines aforesaid: But shall be, and are hereby prohibited to have, keep, or use the same. All Owners and Keepers of Forests, Parks, Warrens, or Chases, being stockt with Deer or Coneys for their neces-

sary

sary use, in respect of the said Forests, Parks, Warrens, or Chases are allowed to keep, &c.

III. None may enter wrongfully into any Warren or ground lawfully used or kept for the breeding or keeping of Coneys; (although the same be not enclosed) nor take, kill, or chase any Coneys there without the consent of the Owner thereof, not having any lawful Title or Authority so to do, on pain to yield to the party grieved treble damages and cost; besides shall suffer three months Imprisonment, and after till they find Sureties for their good abearing: the person offending being convict by one Witness upon Oath, or his own confession is sufficient.

IV. No person or persons shall take in the night-time any Coneys upon the borders of any Warren, or other grounds, lawfully used for the breeding or keeping of any Coneys, except such as shall be owners of the Soil, or lawful occupier or possessor of the ground, or any persons employed by him, her, or them, whereon such Coneys shall be so killed or taken; upon pain that every Offender, lawfully convict as aforesaid, shall give the party or parties injured such recompence or satisfaction for his or their damages, and within such time as shall be appointed by the Justice before whom such Offender shall be convicted; and over and above pay down presently to the Overseers for the use of the Poor of the Parish where such Offence shall be committed, such sum of mony, not exceeding 10 s. as the said Justice shall think meet. And if such Offender or Offenders do not make

make recompence or satisfaction to the said party or parties injured, and also pay the said sum to the Poor as aforesaid; then the said Justice shall commit the said Offender or Offendors to the house of Correction, for such time as the said Justice shall think fit, not exceeding one month.

V. Provided that what is mentioned in this Act of 22 & 23 Car. 2. extend not to abridge any Royalty or Prerogative of his Majesty; nor to abridge, that pt, or alter any Forest-Laws, but the same to be of force, and remain as if this Act had not been made.

A further Abstract of some penal LAWS as concern Forests, Chases, &c.

I. THere shall be 3 Swainmotes in the year, viz. one 15 days before Michaelmas; another about Martinmas; and the third 15 days before Midsummer. At the first two of which none shall appear by distress, but the Fosters, Verdors, and Gest-takers; and at the other onely the Fosters and Verdors: howbeit the Fosters and Verdors shall meet every forty days, to see the Attachment of the Forests, as well for Green-hue, as Hunting: And the Swainmotes shall not be kept, but in the Counties where they have used to be kept.

II. Lawing of Dogs shall be made in Forests, from 3 years to 3 years by the view and testimony of lawful men, and not otherwise: Howbeit such Lawing of Dogs shall not be

but

but where it hath been used from the Coronation of Hen. 2 d.

III. No Foster or Beadle shall make Scotal, or gather Garbe, Oats, Lamb, or Pig, but by the sight of the 12 Rangers when they shall make their Range: And there shall be so many Rangers assigned for the keeping of Forests, as shall seem reasonably sufficient for the same.

IV. Any person having a Wood in the Forest may agest it, and take his pawnage there at his pleasure; he may also drive his Hogs through the Kings Woods, or elsewhere for that purpose; and if they ly all night in the Forest, he shall not be questioned for it.

V. None shall lose Life or Member for killing of Deer, but shall be fined for it if he have any thing; if not, he shall be imprisoned a year and a day: and (if he can finde good Sureties) shall then be delivered; but if not, he shall abjure the Realm.

VI. A Peer of the Realm, being sent for by the King, in coming and returning may kill a Deer or two in the Forest through which he passeth: howbeit, it must not be done privily, but by the view of the Foster, if present; but if absent, by causing one to blow a Horn for him, lest he seem to steal the Deer.

VII. No Chimage or Toll shall be taken in Forests, but by a Forester in fee, that farms his Bailiwick, and onely of such as buy their Bushes, Timber, Bark, or Coals, to sell it again, viz. 2 d. for a Cart, and 1 d. for an Horse, to be taken half-yearly; and it shall onely be taken where it hath used to be

be taken, and not elsewhere: Neither shall any Chimage be taken of such as carry burthens of Bushes, Bark or Coal, albeit they sell it, unless they take them out of the Kings Demesne Woods. Thus far *Charta Foresta.*

A Forester, Parker, or Warrener shall not be questioned for killing a Trespasser, who (after the peace cryed to him) will not yield himself, so it be not done out of some other former malice. Stat. 21 Ed. 1.

No Minister of the Forest shall be put upon any Assize, Jury, or Inquest to be taken without the Forest. Ordin: Forestæ.

Stat. 1 Ed. 3. cap. 8. None shall be taken or Imprisoned for Vert or Venison, unless he be taken with the manner, or else indicted according to the form of the Stat. 34 Ed. 1. And then the Warden of the Forest shall take him to Bainprise, until the Eyre of the Forest, without taking any thing for his deliverance. And if the Warden will not so do, he shall have a Writ out of the Chancery of Old ordained for persons indicted to be bailed till the Eyre.

Stat. 1 Ed. 3. cap. 2. Any man having Wood within the Forest, may take House-boot and Hay-boot in his said Wood, without being Attached for the same by the Ministers of the Forest, so that it be done by the view of the Foresters.

Stat. 7 R. 2. cap. 4. No Officer of the Forest shall take or imprison any without due Indictment, or per main ouvre (with his hand at the work) that is, being taken with the manner, or trespassing in the Forest; nor shall constrain any to make Obligation or

Ran

Ransome against his will, and the Assise of the Forest, in pain to pay the party grieved double damages, and to be ransomed at the Kings will.

16 & 17 Car. cap. 16. An Act for the certainty of Forests, and of the Meers, limits and bounds thereof: See the Statute at large.

17 Car. cap. 16. No place within England or Wales, where no Justice Seat, Swainmote, Court, or Attachment hath been made, or Windosers chosen, or Regard made within 20 years, shall be accounted Forest.

II. Tenants and Owners of all excluded Land, shall enjoy their common and other profits.

Stat. 20 Car. 2. cap. 3. Ten Thousand Acres of waste Lands in the Forest of Dean shall be encloſed, and kept in severalty, for the growth and preservation of Timber; and be under the regard and Government of Forest-Law.

FINIS.

W

W Dollefe

THE GENTLEMAN'S Recreation:

BEING,

A TREATISE OF HAWKING AND FAULCONRY.

Fitted for the Delight and Pleaſure of all Noblemen and Gentlemen.

Collected from Ancient and Modern Authors, and Rectified by the Experience of the moſt Skilful Artiſts of theſe Times.

With an Abſtract of ſuch Statute-Laws as concern this Recreation.

The Second PART.

LONDON: Printed by J. C. for N. C.

OF HAWKING.

The Introduction.

THe Element wherein the *Faulconer* uſeth to trade, is the *Air*; and though he dealeth ſometimes in the *Water*, yet he prefers the Air before it, that yielding him moſt Recreation; for it is unable to ſtop the high ſoaring of his generous Faulcon: in it ſhe flies to ſuch a height, that, being loſt to the ſight of Mortals, ſhe ſeems to converſe with Heaven alone; and, like *Icarus*, endangers her Wings to be ſcorcht by the Sun-beams; and yet is fearleſs, cutting the fluid Air with her nimble Pinions, making her High-way over the ſteepeſt Mountains and deepeſt Rivers, and in her lofty career looks down with a ſeeming contempt on the greateſt Glories we moſt eſtimate: and yet ſuch is her Loyalty and Obedience to her Maſter, that a word from his mouth ſhall make her ſtoop and condeſcend.

This Element of Air is not onely to be praiſed for the Recreation it affords the Faulconers, but for its Uſefulneſs to all, no creature being in a condition to live without it: for if the inſpiring or expiring Organ of any crea-

ture be ſtopt, it muſt ſpeedily die, and pay the Debt that's due to Nature.

And as this Element juſtly merits praiſe, ſo do its wing'd Inhabitants, both feeding and refreſhing Mankind: with their Bodies they perform the firſt, and the latter with their harmonious Voices.

The number of Heaven's airy Quire is ſo great, I cannot here well enumerate them: yet I muſt not paſs by theſe nimble Muſicians of the Air, which warble forth ſuch curious Notes as puzzle Art to imitate.

I mean to ſpeak of few, and firſt of the *Lark*. When ſhe means to recreate her ſelf and hearers, ſhe quits the Earth, and ſings as ſhe aſcends; and having made an end of her heavenly Ditty, ſhe ſeems to ſwound to think ſhe muſt deſcend again unto the dull Earth, which ſhe would ſcorn to tread but for neceſſity.

Again, obſerve how the *Black-bird* and the *Thruſh* contend who ſhall with their unimitable Voices bid the beſt welcome to the fragrant Spring.

Nor doth the *Nightingale* come ſhort in breathing out her loud Muſick through the ſmall Organ of her Throat. How have I oft admired in a ſtill night the clearneſs of her Airs, the ſweetneſs of her Deſcants, her natural Riſings and Fallings, her Doublings and Redoublings!

Much more might be ſaid of theſe, which I ſhall wave, being a digreſſion from my purpoſe, which is to treat of another Bird of pleaſure, *viz.* the *Hawk*.

HEre note, that the *Hawk* is diſtinguiſhed into two kindes; the *Long-winged*, and *Short-winged Hawk*.

Of

Of the first kinde there are these, which are here amongst us most in use:

The *Gerfaulcon* and *Jerkin*,
Faulcon and *Tiercel-gentle*,
Lanner and *Lanneret*,
Bockerel and *Bockeret*,
Saker and *Sakaret*,
Merlin and *Jack-merlin*,
Hobby and *Jack*,
The *Stelletto* of *Spain*,
The bloud-red *Rook* of *Turkie*,
The *Waskite* from *Virginia*.

Of the *Short-winged Hawks* there are these:

The *Eagle* and *Iron*,
Goshawk and *Tiercel*,
The *Sparrow-hawk* and *Musket*,
Two sorts of the *French Pie*.

Of inferiour sort there are these:

The *Stanyel* or *Ring tail*,
The *Raven* and *Buzzard*,
The *Forked Kite* and bold *Buzzard*,
The *Hen-driver*, &c.

It is not to be expected that we should treat of all these and many others bearing different names, but onely such which are most in use, of which I shall regularly treat concerning their Eyries, Mewings, Castings, Renovation of Feathers, *&c.* with their Reclaiming, Dieting, Diseases, Cures, and Method of Practice.

Terms of Art in Faulconry, as they were uſed by Ancient *Faulconers*, and are now by modern Practitioners, with their Explanations.

THe *Age* of a *Hawk*:
The firſt year, a *Soarage*.
The ſecond year, an *Enterview*.
The third year, a *White Hawk*.
The fourth year, a *Hawk of the firſt Coat*.

Arms, are the Legs from the Thigh to the Foot.

Bate, is when the *Hawk* fluttereth with her Wings either from Pearch or Fiſt, as it were ſtriving to get away.

Bathing, is when the *Hawk* waſheth her ſelf at home or abroad.

Beak, is the upper part of the Bill that is crooked.

Beam Feathers, are the long Feathers of the *Hawks* Wings.

Beavy of Quails, are a brood of young *Quails*.

Bewits, are the Leathers with Bells buttoned about the *Hawks* legs.

Binde.

Bowet, is when a young *Hawk* draws any thing out of her Neſt, and covets to clamber on the bowes.

Bowſing, is when the *Hawk* drinks often, and yet continually thirſteth for more.

Branch

Branch or Stand, is to make the *Hawk* leap from Tree to Tree till the Dog ſprings the *Partridge*.

Brancher, is a young *Hawk* newly taken out of the Neſt.

Cadge, is that circular piece of Wood on which *Hawks* are carried when they are expoſed to ſale.

Carry, is flying away with the Quarry.

Caſt your Hawk to the Pearch, is to put your *Hawk* on the Pearch.

Caſting, is when you give your *Hawk* any thing to cleanſe and purge her Gorge.

Carviſt; a *Hawk* may be ſo called at the beginning of the year, and ſignifies as much as to carry on the Fiſt.

Cataraſt, a Diſeaſe in *Hawks* ſo called.

Cauterizing-Irons, are Irons to ſear with.

Cawking time, is Treading-time.

Canceleer.

Crabbing, is when *Hawks*, ſtanding too neer, fight with one another.

Creance, is a fine ſmall long Line of ſtrong and even-wound Pack-thread wich is faſtned to the *Hawk*'s Leaſe or Leaſh when ſhe is firſt Lured.

Check, that is when the *Hawk* forſakes her proper Game to fly at Pies, Crows, or the like, croſſing her in her flight.

Clap, is the nether part of the *Hawk*'s Beak.

Coping-Irons, are uſed in coping or paring the *Hawks* Beak, Pounces, or Talons, when over-grown.

Cowring, is when young *Hawks* quiver and ſhake their Wings in teſtimony of obedience towards the old ones.

Crinets, are the ſmall black Feathers like Hairs about the Sere.

Diſcloſed, is when the young juſt peep through the ſhell.

Dropping, is when the *Hawk* muteth directly downward in ſeveral drops, not yerking it ſtraight forwards.

Endew, is when the *Hawk* digeſteth her meat, that ſhe not onely diſchargeth her *Gorge* thereof, but likewiſe cleanſeth her *Pannel*.

Enſeame, is the purging of a *Hawk* of her glut and Greaſe.

Enter a Hawk is when ſhe firſt begins to kill.

Eyeſs, is a young *Hawk* newly taken out of the Neſt, not able to prey for himſelf.

Eyrie, is that place where *Hawks* build, and hatch their young.

Feaking, is when the *Hawk* wipeth her Beak after feeding.

Filanders, a ſort of little red Worms that uſually breed in *Hawks*.

Flags, Feathers next the principal Feathers in the *Hawk*'s Wing.

Fly on head, is miſſing her *Quarry*, and betaking her ſelf to the next Check, as Crows, *&c.*

Formale, is the Female-*Hawk*.

Formica, a Diſeaſe in *Hawks* ſo called.

Frounce, is a Diſeaſe common in the Mouth or Throat of a *Hawk*.

Gleam, after a *Hawk* hath caſt, ſhe Gleamith, or throweth up filth from her Gorge.

Glut, is the ſlimy ſubſtance that lies in the *Hawk*'s Pannel.

Gorge, is called in other Fowl the *Craw* or *Crop*.

Gurgiting, is when ſhe is ſtuft and ſuffocated.

Hack, is the place where the *Hawk*'s Meat is laid.

Hawk

Hawk keeps her mark, is when ſhe waits at the place where ſhe lays in *Partridge*, or the like, until it be retrived.

Hern at ſeidge, is when you finde a *Hern* ſtanding by the water-ſide watching for Prey, or the like.

Jack, is the Male-*hawk*.

Jeſſes, are thoſe ſhort Straps of Leather which are faſtned to the *Hawks* Legs, and ſo to the Leaſe or Leaſh by Varvils, and ſuch-like.

Imp, is to inſert a Feather into the Wing of a *Hawk* in the place of one that is broken.

Inke, is the Neck from the Head to the Body of any Bird which the *Hawk* doth prey upon.

Intermewing, is from the firſt exchange of the *Hawks* Coat, till ſhe turn white: and this is ſo called from the firſt Mewing.

Jouketh, is when ſhe ſleepeth.

Lure, that is when a young *Hawk* is called by the Faulconer thereunto, and is made of Feathers and Leather not much unlike a Fowl, which he caſteth up into the Air.

Leaſe or *Leaſh*, is a ſmall long thong of Leather by which the Faulconer holdeth his *Hawk* faſt, folding it many times about his Finger.

Lean, is when the *Hawk* holds in to you.

A *Make-Hawk*, is an old Staunch-*Hawk* which uſed to fly, will eaſily inſtruct a young *Hawk*.

Managing a *Hawk* is to uſe her with art and skill.

Make out, is when the *Hawk* goes forth at Check.

Mailes, are the Breaſt-feathers.

Manning, is making a *Hawk* to endure company.

Mantleth, is when the *Hawk* ſtretcheth one of her Wings after her Legs, and ſo the other.

Mew,

Mew, is the place where you ſet down your *Hawk* during the time ſhe raiſeth her Feathers.

Muting, is the Excrements or Dung of a *Hawk*, and ſo it is of a *Hern*.

Mites, are a ſort of Vermin that trouble the Head and Nares of a *Hawk*.

Nares, are the little holes in a *Hawk*'s Beak.

Pearch, is the *Hawks* reſting-place when ſhe is off the Faulconers Fiſt.

Pelt, is the dead body of any Fowl the *Hawk* hath killed.

Pill or *Pelf*, is what the *Hawk* hath left of her prey after ſhe is relieved.

Plume, is the general mixture of Feathers and Colours by which the Conſtitution of a *Hawk* is known.

Plumage, are ſmall Feathers given the *Hawk* to make her caſt.

Pluming, is after the *Hawk* hath ſeized her Prey, and diſmantles it of the Feathers.

Pannel, is the Pipe next the Fundament of a *Hawk* where ſhe digeſteth her meat from her body.

Pantas, a Diſeaſe in *Hawks* ſo called.

Pendant-feathers, thoſe Feathers behinde the Thigh of a *Hawk*.

Petty-ſingles, are the Toes of the *Hawk*.

Pounces, are the Claws of the *Hawk*.

Principal-feathers, are the two longeſt Feathers in the *Hawk*'s Wings.

Pruneth, is when the *Hawk* picketh her ſelf.

Put over, is when a *Hawk* removeth her Meat from the Gorge into her Bowels by traverſing with her Body, but chiefly with her Neck.

Quarry, is the Fowl which the *Hawk* flies at dead or alive.

Raiſed

Raiſed in fleſh, is when a *Hawk* grows fat.

Rake, is when the *Hawk* flies out too far from the Fowl.

Ramage, is when a *Hawk* is wild, and difficult to be reclaimed.

Rangle, is when we give a *Hawk* Gravel to bring her to her Stomack.

Retrive, is when Partridges, having been ſprung, are to finde again.

Rouze, is when a *Hawk* lifteth her ſelf up and ſhaketh her ſelf.

Ruff, is when the *Hawk* hits the Prey, and yet not truſſes it.

Ruſter-hood, is a plain and eaſie Leather-hood, being large, wide, and open behinde, and is to be worn by a *Hawk* when you firſt draw her.

Reclaim, is to make a *Hawk* tame, gentle and familiar.

Sails, are the Wings of a *Hawk*.

Sear or *Sere*, is the yellow between the Beak and Eyes of the *Hawk*.

Seeling, is when a *Hawk* firſt taken is ſo blinded with a Thread run through the Eye-lids, that ſhe ſees not, or very little, the better to make her endure the Hood.

Seizing, is when a *Hawk* gripes her Prey, or any thing elſe, faſt within her Foot.

Setting down, is when the *Hawk* is put into the Mew.

Slice, is when a *Hawk* muteth a great diſtance from her.

Sliming, is when a *Hawk* muteth without dropping.

Sniting, is when a *Hawk* as it were ſneezeth.

Soar-hawk, that is from the firſt taking her from the Eyrie till ſhe hath Mewed her Feathers.

Spring, is when any Partridge or Pheaſant riſe.

Stooping, is when the *Hawk* is aloft upon her Wing, and then deſcends to ſtrike her Prey.

Snuu-

Summ'd, is when the *Hawk* is in all her Plumes.
Swivel, is that which keepeth a *Hawk* from twisting.

Tiercel or *Tassel*, is the Male *Hawk*.
Tiring, is when you give your *Hawk* a Leg or Pinion of a Pullet, Pidgeon, &c. to pluck at.
Train, is the Tail of the *Hawk*.
Trassing, is when she raiseth any Fowl aloft, and soaring with it, at length descendeth with it to the ground.

Varvels, little Rings of Silver at the end of the Jesses, whereon the owners of the *Hawk* have their Names ingraven.
Unreclaimed, is when a *Hawk* is wilde.
Unseeling, is when you take away a Thread that runs through the *Hawks* Eye-lids, and hinders her sight.
Unstrike the Hood, is to draw the Strings, that it may be in a readiness to pull off.
Unsumm'd, is when the Feathers of a *Hawk* are not fully grown.
Urines, are Nets to catch *Hawks* withal.

Warbling, is after a *Hawk* hath mantled her self she crosses her Wings together over her back.
Weathering, is when you air your *Hawk* in Frost, Sun, or by the Fire-side.
Whur, is the rising and fluttering of Partridge or Pheasant.

The

The Names and Natures of Hawks *in general: and first of the* Haggard-Faulcon.

I Begin with the *Haggard-Faulcon*, since it is a Hawk which most men now-a-days covet, to fit and prepare for their delight and pleasure; although heretofore I hear less spoken of her praise by the Antients than she deserves.

Some of old have preferred the *Faulcon-gentle* for mettle and courage, being of a loving disposition, strong and daring, and hardy in all seasons; and by a mere mistake have undervalued the *Haggard-faulcon*, condemning her as being a Bird too tender to endure rough and boisterous weather.

Experience confutes this opinion, she being known to be able to endure as much the extremity of weather or more than the *Tiercel*, *Faulcon gentle*, or most other Hawks whatsoever; and therefore she shall first take place in this manner.

The *Haggard-Faulcon*, wild, and unreclaimed, takes a large liberty to her self for her abode, either by Sea or Land; and is so absolute in her power, that where-ever she comes, all flying Fowl stoop under her subjection. Nay, the *Tiercel-gentle*, although her natural companion, dares not sit by her or come near her residence but in cawking-time, and that is in the Spring; and then, for procreation sake, she will admit him to come near her with submission, which he manifests by bowing his Head at his approach, and by calling and cowring with his Wings, as the young ones do, in testimony how fearful he is of incurring her displeasure.

Whilst she is very young (and so will a *Passenger-Soar-*

Soar-faulcon) ſhe will prey upon Birds wich are too big to encounter withal; and this ſhe doth for want of underſtanding: and ſhe continues this raſhneſs and folly till experience and a ſound beating have reclaimed her.

The *Haggard-faulcon* will prey on any other Fowl ſhe can meet with advantageouſly, eſpecially tame Pigeons, or ſuch as belong to a Dove-houſe; for theſe they frequently meet withal.

This Hawk is an inceſſant Pains-taker; no weather diſcourageth her from her Game, but that onely wherein no Fowl can well ſtir abroad to ſeek for ſuſtenance; otherwiſe ſhe is continually working, either in the Air or elſewhere, unleſs ſhe ſtoop and miſs of her Prey, and then ſhe will reſt a little, to take breath and renew her courage. Nay, if ſhe hath laboured in boiſterous and tempeſtuous weather three or four days together, ſhe will be ſo far from being the worſe for it, that ſhe will appear much better, and more lively. And therefore it is a vulgar errour, for men not to fly their Hawks but after three or four days reſt, ſome a week or fortnight. For old Staunch-hawks I judge a little reſt will do no harm; but for the young, till ſhe is blouded give her but little; and if you can fly her every day, you will find it ſo much the better.

When the Faulcon unreclaimed hath ſeized her Prey and broke her Neck, (in artificial terms, her *Ink*) ſhe then falls on the Crop, and feeds firſt on what is there contained, afterwards on other parts; and having filled her Gorge, ſhe will fly to ſome ſolitary place which is near water, or what liketh her beſt, and there ſhe will ſit all day: upon the approach of night ſhe takes Wing, and flies to ſome convenient place ſhe hath afore purpoſed, to pearch therein till the morning.

Thus much of her as ſhe is wild and unreclaimed.

In

In the next place it will be requiſite to inform you with the manner of reclaiming of a *Haggard faulcon*, and her entry to the Lure.

Having taken or purchaſed one of them, ſet her down, and let her reſt quietly the firſt night in a Ruſter-hood.

The next day take her up eaſily on your Fiſt, and carry her up and down that whole day; uſing a Feather to ſtroke her withal inſtead of your hand. When you finde her not impatient of being toucht, take her Hood off ſpeedily, and put it on again as ſpeedily, obſerving thus to do till ſhe is willing to feed: then frequently offer her food, but let her have but a little at a time; never pulling her Hood off or on but you muſt gain her love with a bit or two, uſing your voice unto her when you are taking off her Hood, and all the while ſhe is feeding, and no longer; that by that means, after ſhe is reclaimed, ſhe may know by your voice ſhe ſhall be fed.

Having thus done, teach her to come to your Fiſt from the Pearch by doing thus: Let her ſtand on a Pearch about breaſt-high; if lower, kneel, for this low poſture will leſs affright than any other: after this, unſtrike her Hood, and lure her, uſing your voice; and have a ſpecial care that you affright her not or diſtaſte her, and ſo cauſe her to bate from you. But you muſt, before you unſtrike her Hood, encourage her with a bit or two, which will make her the more eager to come to you: For it is her Stomack that rules her, and is the Bridle that keeps her in ſubjection, pricking her forward to perform her duty: wherefore if you keep not her Appetite ſharp and truly edged, inſtead of ſubmiſſion you will finde diſobedience. When you finde ſhe will willingly feed from and come to your Hand, you may then let her ſit bare-fac'd, now and then diverting her ſtaring about by giving her a bit

bit or two, to direct her face towards you: after this you may ſet her to the Lure.

When you finde ſhe will come readily to the Lure, garniſht with meat in the *Creance*, fearing leſt ſhe ſcorn this way of Luring, fix a live Pigeon to the Lure, and lure her therewith. When ſhe hath killed the Pigeon and eaten the Head, take her up gently with a bit of meat, and put on her Hood; then unſtrike her Hood and lure her to the Pelt, doing thus twice or thrice, and no more: if you do it oftner, ſhe will become in time very loth to part with the Pelt, and by this means you will provoke her to carry. This is a great fault, and more incident to and worſe in Field-Hawks than ſuch as are fitted for the River.

But be ſure you lure her not far till her Stomack be perfect; for otherwiſe ſhe may diſcover ſomething by the way which ſhe hath a greater eſteem for, and ſo be loſt for that time; which will be very detrimental to her, although you ſhould happen to recover and reclaim her afterwards.

Here obſerve, in the time of her making (while ſhe is on the ground either pluming or feeding) forget not to walk round her, uſing your Voice, and giving her many bits with your hand; continuing ſo to do till you have won her to a more than ordinary familiarity.

But above all, mark this; ſpring her ſome living Doves between the Man and the Lure, and let them be given in a long Creance, that ſhe may kill them near you, in ſuch manner that ſhe may truſs them over your head: by this means ſhe will not be afraid when you come to her from afar off; the neglect whereof will make her timorous: thence will proceed her dragging and carrying from you; nay ſometimes ſhe will leave her Prey, and totally forſake you.

There are ſome Hawks will not be taken up without

out ſtriking or rapping in the Creance, which muſt be infallibly the loſs of ſuch a Hawk without ſuch a device: this is a great fault in the Hawk, and argueth great negligence in the Faulconer, in ſuffering, and not remedying that ill property in her firſt making.

Rules for ordering a Haggard-faulcon *in the Luring: with the Cauſes and Remedies of Carrying, and other ill qualities.*

Having thus far acquainted your Hawk with the Lure, take her out ſome convenient Evening, and be no farther from her than ſhe can ſee and hear you; then hold in your Lure, and ſuffer her to fly about you, holding her as near you as you can with your Voice and Lure, teaching her to do her buſineſs, and work it on your head, and then caſt up a live Dove: Which ſome diſapprove of, becauſe (ſay they) the lightneſs of the Dove inclines the Hawk to that ill quality of Carrying; but I rather impute that fault to the ignorance, or negligence and harſhneſs of the Faulconer, who hath been either unskilful, remiſs, or hath not uſed that gentleneſs which is requiſite in Reclaiming a Hawk in her firſt Making; ſo that inſtead of gaining her love by fair Allurements, he hath converted it into Hatred, Abhorrency, and Diſdainful Coyneſs.

Another cauſe of this Dragging or Carrying proceeds from the Keeper's ill or ſlender Rewarding his Hawk in the Luring, in giving her the Pelt of a Pigeon or ſome other dead thing, which gives her no delight. It is the pleaſure ſhe takes in the Reward that engages her coming to you: if then ſhe chance to finde her expectation fruſtrated in her uſual ſatisfaction, ſhe will ever after ſhun you; and though you ſhould throw her a live Pigeon, ſhe may ſeize it, and keep cloſe

to it, or remove it as you approach, for fear that your unkindneſs ſhould deprive her of it. Wherefore you muſt have a ſpecial care you diſoblige her not in her Luring.

There are ſeveral other errours which muſt be rectified in a *Haggard-faulcon*, *Faulcon-gentle*, or *Slight-Faulcons*, (which naturally are all of one kinde, yet differ much in quality and condition) which I ſhall leave to the ſtudy of the ingenious and induſtrious Faulconer or Keeper. I ſay, the firſt fault is, that though you have lured your Hawk well, and given her all the content and ſatisfaction imaginable, yet will ſhe not tarry with you, but take her flight and forſake you. This argueth an averſion in her from you to ſomething elſe. This fault Mr. *Turbervile*, and Mr. *Latham* ſay they have known remedied: but becauſe I look upon the trouble therein to be ſo great, and the future ſatisfaction ſo ſmall and uncertain, I ſhall not lay down what means are commonly made uſe of in the cure of this ill quality.

But there is another fault, which at firſt may be eaſily prevented; and that is, an aſpiring quality and working humour, when although the Hawk never ſhewed any diſlike to the Keeper or diſcontent, yet by obſervation ſhe hath been found conceited, and would not endure the ſociety of another Hawk; and having been well blouded on Fowl, ſhe would not be kept down neer her Keeper. To remedy this, let no ſcope be given to the *Haggard* in the time of making; let her not fly high, but be held down and neer you: and if you ſhould let this Hawk in to another Hawk, and finde her fall to her work without any regard or notice taken of the other Hawk, ſuſpect her inſtantly, and let her ſee Fowl in due time, leſt when ſhe comes to her due place, ſhe go her way; for ſhe will prove impatient: wherefore the ſhorter work you make with

with her, the greater delight you give her, and ſo conſequently you engage her love continuall; towards you.

Having taught your Hawk to ſit bare-faced in the Evening among company undiſturbed, and that ſhe knows your Voice, and will come to the Lure, then give her every night Stones, till you finde her Stomack good: after that, profer her *Caſting*, and let her not receive it unleſs ſhe likes it well; otherwiſe ſhe is apt to take a diſlike, and will never afterwards receive it willingly.

Theſe Stones aforeſaid prepare and make ready the way for caſting, ſtirring, and diſſolving whatever is offenſive within, and fitting it to be carried downward in her Mutes, or upward in her Caſtings. The time for giving theſe Stones is when ſhe hath put away her Supper from above; then give her half a dozen above the hand, if you have ſo much skill; if not, otherwiſe as you are able. Do thus often, until ſuch time as you ſhall give her ſuch things whereof ſhe ſhall take Plumage in her living or training. But of this, more hereafter.

How to know the nature and diſpoſition of ſeveral HAWKS, *and what muſt be obſerved from thence.*

THere is a certain Hawk called a *Blank Hawk*, which is a kinde, loving, and docible Hawk; for ſhe will diligently liſten and give ear unto you and your voice; ſhe will ſoon learn to come to hand, being very eager and hot to ſeize on what you ſhall ei-

ther throw or give her, and will be very familiar; laſtly, having done your will on the ground, ſhe will lock up for your Fiſt, and will readily jump thereon.

They are much ſubject to little Grubs, which are ingendered in the Guts, and diſcover themſelves in their Mutes, crawling out from them, ſhrinking themſelves up, and ſo inſtantly dying. Theſe Worms do little harm, and that Hawk which hath them is ſeldam bad. The colour of theſe Worms is red in a *Slight Faulcon*, and red in a *Barbary-Faulcon*; and when dead, in both white.

There is a ſort of *Swarthy black-plum'd Hawk*, that is good-mettled, and a high flier, yet hard to be reclaimed: for ſhe will neither minde you nor your voice; but when you lure her, will look any other way than that ſhe ſhould. However, you muſt ſhew your ſelf very loving towards her, though you ſhall get no more from her than what you extort by force. For her due reclaiming, leſſen her pride by ordering her Diet with meaſure, with reſpect had unto the Weather; which if it be mild and temperate, you need not fear to hold her down until you have quarried her: and as you ſhall ſee her amend her manners, alter her Diet, and adde to her ſtrength according to reaſonable expedition; which will be ſoon obtained if ſhe be ſound, and the weather moderate. But if the weather be froſty, have a care of abating fleſh.

When at any time you fly any one of theſe black or tawny Hawks, and ſhe ſtoops foul and fails in her flight, you muſt take her down with ſome living thing.

If ſhe be young, ſuffer not her (or any other Hawk) to fly too long; for nothing is more prejudicial and diſtaſteful to a young Hawk at her firſt making, than to let her toil and make many ſtoopings before ſhe be

ſerved

ſerved: by this diſlike ſhe is induced to fly wide and carelefly, and frequently to go away through diſpleaſure.

Now to the intent I may go on methodically, and with as little confuſion as may be, I ſhall in the next place here nominate what *Hawks* I intend to treat of; and in the ſame order as I name them, in like manner I will diſcourſe of them. Take them thus:

Their Males	Their Females
Faulcon,	*Tiercel-gentle,*
Gerfaulcon,	*Jerkin,*
Mylion,	*Tiercel,*
Merlin,	*Jack,*
Hobby,	*Robbin,*
Goſhawk	*Tiercel,*
Sparrow-hawk,	*Musket,*
Lanner.	*Lanneret.*

Here note, that the Female of all Birds of Prey are much larger, and of greater bulk than the Male, and are more ſerviceable, being more watchful, hardy, and bold: but of ſuch Birds as do not prey, the Cocks are the larger.

The *Faulcon*, *Gerfaulcon*, *Mylion*, *Merlin*, and *Hobby* do ſtoop and ſeize their Prey with their Foot, breaking with their beak the Neck-bone of the Fowl, without pluming or tiring thereupon till the Fowl hath left busking and bating on the foot.

The *Goſhawk* with her Male the *Tiercel*, and the *Sparrow-hawk*, kill their Game by ſtrength and force of Wing at random, and do inſtantly plume and tire upon their Prey.

Of the Faulcon.

THere are ſeven kinds of *Faulcons*, viz.

Faulcon-gentle,	*Gerfaulcon*,
Haggard-faulcon,	*Saker*,
Barbary or *Tartaret-faulcon*,	*Lanner*, and *Tunician*.

The *Faulcon-gentle* is ſo called for her familiar courteous diſpoſition; ſhe is withal valiant, ſtrong, and better able to endure any ſort of weather than any other Hawk.

She hath a natural inclination and love to fly the Hern every way, either from her Wings to the downcome, or from the Fiſt and aſore-head. She is moſt excellent at the Brook or River, eſpecially at large Fowl, as the Shoveler, Wild gooſe, *&c.* If ſhe be an *Eyeſs*, you may venture her at the Crane; otherwiſe ſhe will not be ſo hardy and bold. Where note, Hawks prove valiant or cowards according as they are firſt quarried: and if you take them out of the Eyrie before they are fully ſummed and hard penned, you muſt never exp & their Wings ſhould grow to perfection, but their Legs will be apt to wear crooked, and their Train, their long Feathers and their Flags alſo will be full of Taints.

In the choice of your Faulcon, obſerve that ſhe have wide Nares; high and large Eye-lids; a great black Eye; a round Head, ſomewhat full on the top; a ſhort, thick, azure Beak; and indifferent high Neck; barb Feathers under the clap of the Beak; a good large,

large, round, fleſhy Breaſt: let her be ſtrong, hard, and ſtiff bonded; broad-ſhouldered; having ſlender Sails, full Sides, long and great Thighs; ſtrong and ſhort Arms; large Feet, with the Sear of the Foot ſoft and blewiſh; black Pounces; long Wings, and croſſing the Train, which Train muſt be ſhort and very pliable.

Here obſerve, that Faulcons of one kinde differ much and are diverſly named, according to the time of their firſt Reclaiming, places of Haunt, and Countries from whence they come; as *Mew'd hawks*, *Rammage-hawks*, *Soar-hawks*, *Eyeſſes*: and theſe again are divided into large Hawks, mean Hawks, and ſlender Hawks. All theſe have different Males and Plumes, according to the nature of the Countries from whence they come; as ſome are black, ſome blank, or ruſſet: and they differ in diſpoſition; ſome are beſt for the Field, others for the River.

Names are beſtowed on a Faulcon according to her Age or Taking.

The firſt is an *Eyeſs*, which name laſts as long as ſhe is in the Eyrie. Theſe are very troubleſom in their feeding, do cry very much, and are difficultly entred; but being well entred and quarried, prove excellent Hawks for the *Hern*, River, or any ſort of Fowl, and are hardy and full of mettle.

The ſecond is a *Rammage-faulcon*, and reſerves the name after ſhe hath left the Eyrie, being ſo called *May*, *June*, *July*, and *Auguſt*. Theſe are hard to be manned, but being well reclaimed, they are not inferiour to any Hawk.

The third is a *Soar hawk*, ſo called *September*, *October*, and *November*. The firſt Plumes they have when they forſake the Eyrie they keep a whole year before they mew them, which are called *Soar feathers*.

The fourth is termed *Murzarolt*, (the laſt term

is *Carviſt*, as much as to ſay, *Carry on the Fiſt:*) they are ſo called *January*, *February*, *March*, *April*, and till the middle of *May*, during which time they muſt be kept on the Fiſt. They are for the moſt part very great Baters, and therefore little eaters: They are bad Hawks, frequently troubled with *Filanders* and worms, and are rarely brought to be good for any thing.

The fifth are called *Enter-mewers*, from the middle of *May*, to the latter end of *December*. They are ſo called becauſe they caſt their Coats. They were excellent Hawks, could they be truſted; therefore they muſt be kept hard under, and muſt make your Fiſt their Pearch. Having diſcours'd of the Names and Nature of the Faulcon, I next come to his Manning, Luring, Flights, and Mewing in every condition: which courſe I ſhall orderly take in my enſuing diſcourſe of the other Hawks I have onely named heretofore. And becauſe what Diſeaſes or Caſualties are incident to one are likewiſe to all, I ſhall put their Cures at the latter end all together.

Of the Manning, Luring, Flights *and* Mewing *of a* Faulcon, *with other things properly belonging to an Oſtrager.*

Having taken a Faulcon, you muſt Seel her, in ſuch manner, that as the Seeling ſlackens, the Faulcon may be able to ſee what proviſion is ſtraight before her, which ſhe will better ſee ſo than any other way: and be ſure you Seel her not too hard.

A Hawk newly taken ought to have all new Furniture, as new Jeſſes of good Leather, mailed Leaſes with Buttons at the end, and new Bewets. You muſt have a ſmall round Stick likewiſe hanging in a ſtring, with which you muſt frequently ſtroak your Hawk: the

the oftner you do it, the ſooner and better you will man her. She muſt have two good Bells, that ſhe may the better be found and heard when ſhe either ſtireth or ſcratteth: Her Hood muſt be well faſhioned, raiſed and boſſed againſt her Eyes, deep, and yet ſtraight enough beneath, that it may the better faſten about her Head without hurting her: and you muſt cope a little her Beak and Talons, but not ſo near as to make them bleed.

Take notice, if you take a *Soar-faulcon* which hath already paſt the Seas, although ſhe be very hard to be reclaim'd, yet ſhe is the beſt of Faulcons.

Her food muſt be good and warm twice or thrice a day, until ſhe be full gorg'd; which food muſt be either Pigeons, Larks, or other live Birds: and the reaſon is, becauſe you muſt break her by degrees off from her accuſtomed feeding.

When you feed her, you muſt whoop and lure as you do when you call a Hawk, that ſhe may know when you will give her meat.

You muſt unhood her gently, giving her two or three bits; and putting on her Hood again, you muſt give her as much more, and be ſure that ſhe be cloſe Seeled: and after three or four days leſſen her diet: and when you go to bed, ſet her on ſome Pearch by you, that you may awaken her often in the night. Thus you muſt do till you obſerve her grow tame and gentle: and when you finde ſhe begins to feed eagerly, then give her a Sheep's-heart. And now you may begin to unhood her by day-time, but it muſt be far from company; firſt giving her a bit or two, then hood her again gently, and give her as much more. Be ſure not to affright her with any thing when you unhood her. And when you perceive her to be acquainted with company, and that ſhe is ſharp ſet, unhood her, and give her ſome meat, holding her juſt againſt your Face and Eyes,

Eyes, which will make her leſs afraid of the countenances of others. If you can, reclaim her without over-watching.

You muſt bear her continually on the Fiſt till ſhe be throughly Manned, cauſing her to feed in company, giving her in the Morning about Sun-riſing the Wing of a Pullet, and in the Evening the Foot of a Coney or Hare cut off above the joynt, flay'd and laid in Water; which having ſqueez'd, give it her with the Pinion of a Hen's Wing.

For two or three days give her waſht meat, and then Plumage, according as you think her foul within. If ſhe Caſt, hood her again, and give her nothing till ſhe Gleam after her Caſting: having gleamed and caſted, then give her a beaching of hot meat in company; and towards the Evening let her plume a Hen's Wing in company alſo.

If the Feathers of her Caſting be foul or ſlimy and of a yellowiſh complexion, then be ſure to cleanſe her well with waſht meat and Caſting: if clean within, give her gentle Caſtings, as the Pinions of an old Hens Wing, or the Neck-bone chopped four or five times between the joynts, waſht and ſteeped in fair Water.

Having well reclaim'd her, throughly manned her, and made her eager and ſharp ſet, then you may venture to feed her on the Lure.

But before you ſhew her the Lure you muſt conſider theſe three things: 1. That ſhe be bold in and familiar with company, and no ways afraid of Dogs and Horſes. 2. That ſhe be ſharp ſet and hungry, regarding the hour of the Morning and Evening when you will lure her. 3. And laſtly, ſhe muſt be clean within, and the Lure muſt be well garniſhed with meat on both ſides, and you muſt abſcond your ſelf when you intend to give her the length of the Leaſe.

You

You muſt firſt unhood her, giving her a bit or two on the Lure as ſhe ſitteth on your Fiſt: afterwards take the Lure from her, and ſo hide it that ſhe ſee it not; and when ſhe is unſeized, caſt the Lure ſo near her that ſhe may catch it within the length of her Leaſe. When ſhe hath ſeis'd it, uſe your voice according to the cuſtome of Faulconers, and feed her upon the Lure on the ground with the Heart and warm Thigh of a Pullet. Having ſo lured her, in the Evening give her but a little meat; and let this luring be ſo timely, that you may give her Plumage and a Juck of a joynt.

In the Morning betimes take her on your Fiſt, and when ſhe hath caſt and gleamed, give her a little beaching of warm meat. Towards Noon take a Creance and tie it to her Leaſe, and go into ſome pleaſant Field or Meadow, and give her a bit or two on the Lure; then unſeize her: and if you find ſhe is ſharp ſet, and hath ſeiz'd on the Lure eagerly, then give her ſome one to hold, to let her off to the Lure; then unwind the Creance, and draw it after you a good way, and let him which holds the Hawk hold his right hand on the Taſſel of the Hawk's Hood in readineſs, ſo that he may unhood her aſſoon as you begin to lure: and if ſhe come well to the Lure, and ſtoop upon it roundly, and ſeize it eagerly, then let her eat two or three bits thereon; then unſeize her and take her off the Lure, hood her, and deliver her to him again that held her, and going farther off lure her, feeding her as before with the accuſtomed voice. Thus lure her every day farther and farther off, till ſhe is accuſtomed to come freely and eagerly to the Lure.

After this, lure her in company, but have a care that nothing affright her: and when you have uſed her to the Lure on foot, then lure her on Horſe-back; which you may effect the ſooner, by cauſing Horſemen

men to be about you when you lure her on foot: alſo you may do it the ſooner by rewarding her upon the Lure on Horſe-back among Horſemen. When this way ſhe grows familiar, let ſome body afoot hold the Hawk, and he that is on Horſe-back muſt call and caſt the Lure about his Head; then muſt the holder take off the Hood by the Taſſel: and if ſhe ſeize eagerly on the Lure without fear of man or Horſe, then take off the Creance, and lure her at a greater diſtance, And if you would have her love Dogs as well as the Lure, call Dogs when you give her Tiring or Plumage.

Of Bathing *a* Faulcon *lately reclaimed; how to make her Flying, and to hate the Check.*

Having wean'd your Faulcon from her Rammage-fooleries, being both ways lured, rewarded, and throughly reclaim'd, offer her ſome Water to bathe her ſelf in, in a Baſon wherein ſhe may ſtand up to the Thighs, chuſing a temperate clear day for that purpoſe. Then having lured your Hawk, and rewarded her with warm meat, in the morning carry her to ſome Bank, and there hold her in the Sun till ſhe hath endewed her Gorge, taking off her Hood that ſhe may prune and pick her ſelf: that being done, hood her again, and ſet her near the Baſon, and taking off her Hood, let her bathe again as long as ſhe pleaſeth: After this, take her up, and let her pick her ſelf as before, and then feed her. If ſhe refuſe the Baſon to bathe in, ſhew her ſome ſmall River or Brook for that purpoſe.

By this uſe of bathing ſhe gains ſtrength and a ſharp appetite, and thereby grows bold: but that day wherein ſhe batheth give her no waſht meat. If

If you will make your Faulcon upwards, the next day after ſhe hath bath'd get on Horſe-back, either in the morning or Evening, and chuſe out ſome field wherein are no Rooks or Pigeons; then take your Lure well garniſhed on both ſides, and having unhooded your *Hawk*, give her a bit or two on the Lure, then hood her: afterwards go leiſurely againſt the Wind, then unhood her: and before ſhe bate, or finde any Check in her Eye, whiſtle her off from your Fiſt fairly and ſoftly. As ſhe flieth about you, trot on with your Horſe, and caſt out your Lure, not ſuffering her to fly long about you at firſt: continue thus doing Morning and Evening for ſeven or eight days. But if you finde your Hawk unwilling to fly about you or ſtoop to the Lure, then muſt you let her fly with ſome *Hawk* that loves the company of others, and will not rove at any change or check; and that muſt firſt be done at the Partridge, for they will not fly far before the *Hawk*. If ſhe hath flown twice or thrice, caſt out the Lure, and reward her on Horſe-back. If the Fowl you flew her at be killed by another *Hawk*, let her feed with him a little, and then farther reward her on the Lure.

If you would have your Faulcon prove upwards and a high-flying *Hawk*, you muſt let her fly with ſuch as are ſo qualified. If ſhe love the company of others, and is taught to hold in the Head, then if the Fowl be in Pool, Pit, or Plaſh, caſt off your high-flying *Hawk*, and let him that hath your new-lur'd *Hawk* get under the Wind, and when he ſeeth his advantage, let him unhood her; and if ſhe bate, then it is to get up to the other *Hawk*.

Let him then caſt her off, and before ſhe get up to the other near his full pitch, lay out the Fowl: if ſhe kill her Game, reward her with the Heart, and let her participate of the Breaſt with the other *Hawks*.

To

To take your Faulcon from going out to any Check thus you muſt do: If ſhe hath kill'd a Check, and hath fed thereon before you could come in, rebuke her not ſeverely at firſt, but take her down to the Lure, give her a bit or two, hood her, and fly her not in three or four days; and if you do, let it be where no Checks are: but if you come in before ſhe hath taſted the Check ſhe hath killed, then take the Gall of an Hen, and anoint the Breaſt of that Check ſhe hath killed, (any other bitter thing will do) and this will make her hate to go at Check again.

How to enſeam a Faulcon *with her Caſtings and Scowrings.*

When you feed your Faulcon, call and lure as if you called her to the Lure, and every day profer her Water, and every night give her Caſtings accordingly as ſhe endeweth. Take off her Hood frequently in company; and that you may hinder her from bating, hold always the Hood ready by the Taſſel in your hand.

In the Evening by candle-light take off her Hood among company, until ſhe Rouze and Mewt; then ſet her on the Pearch, and not before, ſetting a light before her.

Every Faulcon ought to have a *Make-Hawk* to teach her to hold in the Head: if that will not do, cut off ſome part of her two Principals in each Wing, the long Feather and that next to it, which will force her to hold in.

Be ſure to reward your *Hawk* well at the beginning, and let her feed well on the Quarry; which will ſo encourage her, that ſhe will have no fancy to go out to the Check. When ſhe is well in bloud and well quarried, then let her fly with other *Hawks*. If

If you would make your Faulcon to the Crane, her Lure ſhould be a counterfeit Crane. If you would make her to the Hare, her Lure ſhould be then a Hares Skin ſtuft with ſome light matter: When ſhe is well lured, and you would enter her, tie the Hare's Skin ſo ſtuft to the end of a Creance, and faſten it to your Saddle-pummel, by which means when you gallop it will reſemble a running Hare: then unhood your *Hawk*, and cry, *Back with the Dogs*, *back with the Dogs*. When you finde ſhe hath ſeized it, let go your Creance, and ſuffer her to faſten thereon; then inſtantly reward her upon it, and encourage her as much as is poſſible.

When ſhe is well entred after this manner, take a living Hare and break one of her hinder Legs, and having before well acquainted your Faulcon with your Dogs by continual feeding among them, I ſay then put your Hare out in ſome fair place with your Dogs, and the Faulcon will ſtoop and ruff her until the Dogs may take her; then take the Hare from the Dogs, and caſt her out to the Faulcon, crying, *Back*, *Back there*.

If you would make your Hawk flying to the Partridge or Pheaſant after ſhe is reclaimed and made, then every time you lure her caſt your Lure into ſome low Tree or Buſh, that ſhe may learn to take the Tree or Stand: if ſhe take the Stand before ſhe ſees the Lure, let her ſtand a while; and afterwards draw the Lure out before her, and cry with what words you have acquainted her to underſtand you by, and then reward her well. After this manner ſhe will learn to take ſtand.

Feed her always on the ground, or in ſome thick place; for in ſuch places ſhe muſt encounter with the Pheaſant at Pearch.

At firſt fly with her at young Pheaſant or Partridge,

to

to encourage her by advantage, and afterwards at the old.

If a Faulcon will not take Stand, but keep on the Wing, then muſt you fly her in plain places where you may always ſee her upon you.

Draw your Faulcon out of the Mew twenty days before you Enſeam her: If ſhe truſs and carry, the remedy is to cope her Talons, her Powlſe and Petty-ſingle.

Never reward your *Hawk* upon River-fowl but upon the Lure, that ſhe may the better love and eſteem thereof.

The Crane ought to be flown at before Sun-riſing; for ſhe is a ſlothful Bird, and you may caſt off to her a Caſt or Leaſe of Faulcons, or a Goſhawk from the Fiſt, without Dogs. You muſt fly but once a day at the Crane, after which you muſt reward your Hawk very well, ever ſuccouring her with a Grey-hound, which is the beſt of Dogs for that purpoſe.

Give your Faulcon a Beaching very early in the morning, and it will make her very eager to fly when it is time for it.

If you would have her a high-flying *Hawk*, you muſt not feed her highly, but ſhe ſhould be fed nine days together before Sun-riſing, and at night late in the cool of the Evening.

The Faulcon will kill the Hern naturally if ſhe be a Peregrin or Traveller: yet you will do well to give her Trains.

A Faulcon may fly ten times in a day at a River, if the ſeaſon be not extream; but more is inconvenient.

A *Hawk* ought to have forty Caſtings before ſhe be perfectly made. And indeed all *Hawks* ought to have Caſtings every night, if you would have them clean and ſound: for *Hawks* which have not this continual noctur-

nocturnal Caſting will be ſurcharged with abundance of ſuperfluous Humours, which aſcending to the Brain, breed ſo great a diſturbance that they cannot fligh ſo high as otherways they would. And it is good to give them Tiring or Plumage at night, eſpecially field-*Hawks*, but not River-*Hawks*, for fear of weakning their Backs.

When your *Hawk* hath flown or bated, feed her not ſo long as ſhe panteth, (but let her be firſt in breath again;) otherways you may bring her into a Diſeaſe called the *Pantas*.

If a Faulcon or other *Hawk* will not Seize nor Gorge, take the Quill of a Wild-gooſe, and tie it under her long Single; then will ſhe Seize and Gripe. When ſhe beginneth to ſeize, take away the ſaid Quill, and ſhe will ſeize long afterwards.

If you cannot give Covert to your Faulcon or Goſhawk, then caſt her off with the Sun in her back.

When you draw your *Hawk* out of the Mew, if ſhe be greazy, (which you ſhall know by her round fat Thighs and her full Body, the Fleſh being round, and as high as her Breaſt-bone) and if ſhe be well mew'd, and have all her Feathers ſummed, then give her at feeding-time in the morning two or three bits of hot meat; and at night give her leſs, unleſs it be very cold; and if ſhe feed well and without compulſion, give her waſht meat. Thus prepared, take the Wings of a Hen for her Dinner and waſh them in two Waters. In the morning give her the Legs of a Hen very hot, at Noon meat temperately warm, a good Gorge; then let her faſt till it be late in the Evening. If ſhe have put over her meat, and there is nothing left in her Gorge, then give her warm meat, as in the morning. Thus diet her till it be convenient to give her Plumage, the which you may know by theſe tokens: Firſt, the Fleſh of the end of the Pinion of the *Hawk*'s

Wing will ſeem ſofter and tenderer than it did before ſhe did eat waſht meat. Secondly, if her Mewts be white, and the black thereof be very black, and not mingled with any other colour. Laſtly, if ſhe be ſharp ſet, and doth plume eagerly, you may give her Caſting either of a Hare's or Coney's Foot, or the ſmall Feathers on the joynt of the Wing of an old Hen.

Having ſet her on the Pearch, ſweep clean underneath, that you may ſee whether the Mewt be full of ſtreaks, or skins, or ſlimy: if it be, then continue this ſort of Caſting three or four nights together; but if you finde the Feathers digeſted and ſoft, and that her Caſting is great, then take the Neck of an old Hen, and cut it between the joynts, then lay it in cold water, and give it your Faulcon three nights together; in the day-time give her waſht meat, after this Caſting or Plumage, as you ſhall ſee requiſite: and this will bear all down into the Pannel.

When you have drawn her out of the Mew, and her principal Feathers are ſummed, give her no waſht meats, but quick Birds with good Gorges, and ſet her out in open places.

General Inſtructions for an Oſtrager or Faulconer.

LEt his *Jeſſes* and *Bewets* be of good Leather, having Bells big and ſhrill according to the proportion of the *Hawk*, with a Hood that is boſſed at the Eyes, and fizable for the Head.

He muſt uſe his *Hawk* in ſuch manner, that he may make her grow familiar with him alone or in company, and

and to that end he muſt often unhood and hood her again.

In nine nights the Faulconer ought not to let his *Hawk* ſouk at all, nor ſuffer her to pearch, but keep her during that time continually on his Fiſt.

When the Faulconer would call his *Hawk*, let him ſet her on the Pearch, unhood her, and ſhew her ſome meat within his Fiſt, call her ſo long till ſhe come to it, then feed her therewith: if ſhe come not, let her ſtand without food till ſhe be very ſharp ſet. Obſerve this order for about nine days.

When you would lure her, give her ſome man to hold, and call her with a Lure well garniſhed with meat on both ſides, and give her a bit: uſe her to this ſix or ſeven days; then cauſe her to be held farther from you, and caſt the Lure about your Head, and throw it on the ground a little way from you: if ſhe come to it roundly, reward her bountifully. Having uſed her to this ſome certain days, take your Lure garniſhed as aforeſaid, and every day call her to you as far as it is poſſible for her to ſee or hear you, and let her be looſe from all her Furniture, without Loins or Creance. If ſhe come freely, reward her, and ſtop her now and then in her feeding; for that will make her come the better. You may do well to ſtop the Lure upon her ſometimes, and let her fly upon you. Here note, it is requiſite to bathe her before you take this courſe, leſt when ſhe is at liberty ſhe rangle to ſeek Water, and in the mean time you loſe your *Hawk*; wherefore bathe her every ſeven or eight days, for her nature requireth it.

When you have thus manned, reclaimed, and lured your *Hawk*, go out with her into the fields, and whiſtle her off your Fiſt, ſtanding ſtill to ſee what ſhe will do, and whether ſhe will rake out or not: but if ſhe fly round about you, as a good *Hawk* ought to do, let

her fly a turn or two, and fling her out the Lure, and let her ſoot a Chicken or Pullet, and having killed it, let her feed thereon.

Unhood her often as you bear her; continue ſo doing till ſhe hath endewed and mewted ſufficiently.

Your *Hawk* being thus made and manned, go abroad with her every morning when it is fair, and let the place where you intend to fly her be plaſhy, or ſome narrow Brook; and when you caſt her off, go into the Wind ſo far, that the Fowl may not diſcover you. When ſhe is caſt off, and beginneth to recover her Gate, make then to the Brook or Plaſh where the Fowl lie, always making your *Hawk* to lean in upon you: and when you ſee her at a reaſonable pitch, (her Head being in) lay out the Fowl, and land it if you can; and if you cannot, take down your *Hawk*, and let her kill ſome Train; to which end you muſt always carry ſome live Fowl with you, as a Duck *&c.* And having ſlipt one of her Wing-feathers, thruſt it through her Nares, and caſt her up as high as you can underneath your *Hawk*, that ſhe may the better know your hand.

If you would have your *Hawk* fly at one particular Fowl more than at another, you muſt then feed her well upon a Train of the ſame kind, as thus: Take a Creance, and tie that Fowl you would accuſtom her to fly to by the Beak, with meat on her Back, and cauſe one to ſtand cloſe that ſhall hold the Creance; then ſtanding afar off, unhood your *Hawk*, and let the Fowl be ſtirred and drawn with the Creance until your *Hawk* perceive it ſtir; and if ſhe foot it, make another Train thus: Take a living Fowl that can fly, half ſeel it and caſt it out; then let your *Hawk* fly to it; and if ſhe kill it, reward her well upon it.

Of

Of the Rammage-faulcon.

If a Faulconer chance to recover a *Rammage-hawk* that was never handled before, let him immediately ſeel her, and at that inſtant put on her Jeſſes made of ſoft leather; at the end thereof fix two Varvels, the one may bear your Coat of Arms, the other your Name, that if ſhe chance to be loſt, they that take her up may know where to return her: put her on alſo a pair of Bells with two proper Bewets. Having thus furniſhed her, you muſt begin her manning by gentle handling. To avoid the danger of her Beak, you muſt have a ſmooth Stick about half a foot in length, with which you muſt ſtroak your *Hawk* about the Pinions of her Wings, and ſo downwards thwart her Train. If ſhe offer to ſnap at the Stick, withdraw not your hand, and let her bite thereon, the hardneſs whereof will ſoon make her weary of that ſport.

If you would man her well, you ſhould watch all the night, keeping her continually on your Fiſt.

You muſt teach her to feed ſeel'd; and having a great and eaſie Ruſter-hood, you muſt hood and unhood her often, ſeel'd as ſhe is, handling her gently about the head, coying her always when you unhood her, to the intent ſhe may not be diſpleaſed with her Keeper.

Let her plume and tire ſometimes upon a Wing on your Fiſt, keeping her ſo day and night, without pearching, until ſhe be weary, and will ſuffer you to hood her without ſtirring.

If your *Hawk* be ſo rammage that ſhe will not leave her ſnapping or biting, then take a little *Aloes ſuccotrina*, and when ſhe offers to ſnap, give it her to bite; the bitterneſs whereof will quickly make her leave that ill quality. Garlick I have heard will do the

like, the ſtrong ſcent thereof being equally offenſive.

How to hood a Hawk.

Having ſeel'd your *Hawk*, fit her with a large eaſie Hood, which you muſt take off and put on very often, watching her two nights, handling her frequently and gently about the Head as aforeſaid. When you perceive ſhe hath no averſion to the Hood, unſeel her in an Evening by Candle-light; continue handling her ſoftly, often hooding and unhooding her, until ſhe takes no offence at the Hood, and will patiently endure handling.

Take this Obſervation by the way, that it is the duty of a Faulconer to be endowed with a great deal of Patience; and in the next place he ought to have a natural love and inclination to *Hawks*: Without theſe two qualifications all the Profeſſors of this Art will prove *Mar-Hawks* inſtead of good Faulconers.

But to return where I left off: If your ſeel'd *Hawk* feeds well, abides the Hood and handling without ſtriking or biting, then by Candle-light in an Evening unſeel her, and with your Finger and Spittle anoint the place where the Seeling-thread was drawn through; then hood her, and hold her on your Fiſt all night, often hooding, unhooding, and handling her, ſtroaking her gently about the Wings and Body, giving her ſometimes a bit or two, alſo Tiring or Plumage. Being well reclaimed, let her ſit upon a Pearch; but every night keep her on the Fiſt three or four hours, ſtroaking, hooding, and unhooding, *&c.* as aforeſaid: and thus you may do in the day-time, when ſhe hath learn'd to feed eagerly without fear.

How to make a Hawk *know your Voice, and her own Feeding.*

Having mann'd your *Hawk* ſo that ſhe feeds boldly, acquaint her with your Voice, Whiſtle, and ſuch words as Faulconers uſe: you may do it by frequently repeating them to her as ſhe is feeding on your Fiſt, &c. But I think the beſt way of making her acquainted with them is by your experience and practice.

When ſhe feeds boldly, and knows your Voice and whiſtle, then teach her to know her Feeding, and to bate at it, in this manner. Shew her ſome meat with your right hand, crying and luring to her aloud: if ſhe bate or ſtrike at it, then let her quickly and neatly take it, and feed on it for four or five bits. Do thus often, and ſhe will know her Feeding the better.

After this give her every night ſome Caſting either of Feathers, or Cotton with Cloves or Aloes wrapt up therein, &c. Theſe Caſtings make a *Hawk* clean and eager.

How to make your Hawk *bold and venturous.*

In the firſt place, to make her hardy, you muſt permit her to plume a Pullet or large Chicken in a place where there is not much light: her Hood in a readineſs, you muſt have either of the aforeſaid alive in your hand; then kneeling on the ground, luring and crying aloud to her, make her plume and pull the Pullet a little; then with your Teeth drawing the Strings, unhood her ſoftly, ſuffering her to pluck it with her Beak three or four times more; then throw out the Pullet on the ground, and encourage her to ſeize it. When you perceive ſhe breaks it and takes bloud, you muſt

lure and cry aloud to her, encouraging her all the ways imaginable: then hood her gently, and give her Tiring of the Wing or Foot of the ſaid Pullet.

How to make a Hawk *know the Lure.*

Your *Hawk* having three or four times thus killed a Pullet or large Chicken in ſome ſecret place, then thus teach her to know the Lure.

Having fatned a Pullet unto your Lure, go apart, giving your *Hawk* unto another, who muſt draw looſe the ſtrings of her Hood in readineſs: Being gone a little way, take half the length of the String, and caſt it about your Head, luring with your Voice at the ſame time; then let your *Hawk* be unhooded as you are throwing your Lure a little way from her, not ceaſing luring all the while. If ſhe ſtoop to the Lure and ſeize, ſuffer her to plume the Pullet, ſtill coying and luring with your voice; then let her feed on the Pullet upon the Lure: After that, take her on your Fiſt together with her meat, then hood her, and let her tire as aforeſaid. And thus you may teach her to come by degrees to a very great diſtance.

How to make a Hawk *flying.*

When your *Hawk* or *Haggard-faulcon* will come and ſtoop to the Lure roundly without any fear or coyneſs, you muſt put her on a great pair of Luring-bells; the like you muſt do to a *Soar-hawk:* by ſo much greater muſt the Bells be, by how much your *Hawk* is giddy-headed, and apt to rake out at Check.

That being done, and ſhe ſharp ſet, go in a fair morning into ſome large Field on Horſeback, which Field muſt be very little incumbred with Wood or Trees: having your *Hawk* on your Fiſt, ride up into the wind, and

and having looſned her Hood, whiſtle ſoftly to provoke her to fly; and then you will obſerve ſhe will begin to bate, or at leaſt to flap with her Flags and Sails, and to raiſe her ſelf on your Fiſt: then ſuffer her until ſhe rouze or Mewt: when ſhe hath done either of them, unhood her, and let her fly with her Head into the Wind; for thereby ſhe will be the better able to get upon the Wing; then will ſhe naturally climbe upwards, flying in a circle.

When ſhe hath flown three or four Turns, then cry and lure with your Voice, caſting the Lure about your head, unto which you muſt firſt tie a Pullet: and if your Faulcon come in and approach neer you, then caſt out the Lure into the Wind; and if ſhe ſtoop to it, reward her as before.

There is one great fault you will often finde in the making of a *Hawk* flying, and that is, when ſhe flieth from the Fiſt ſhe will not get up, but take ſtand on the ground; a frequent fault in Soar-faulcons. You muſt then fright her up with your Wand, riding in to her; and when you have forced her to make a Turn or two, take her down to the Lure and feed her. But if this do no good, then you muſt have in readineſs a Duck ſeeled, ſo that ſhe may ſee no way but backwards, and that will make her mount the higher. This Duck you muſt hold by one of the Wings near the body in your right hand, then lure with your voice to make your Faulcon turn the head: when ſhe is at a reaſonable pitch, caſt up your Duck juſt under her, that ſhe may perceive it: if ſhe ſtrike, ſtoop, or truſs the Duck, permit her to kill it, and reward her, giving her a reaſonable Gorge. Uſe this cuſtom twice or thrice, and your *Hawk* will leave the Stand, delighting on the Wing, and will become very obedient.

Here note, that for the firſt or ſecond time it is not convenient to ſhew your *Hawk* great or large Fowl, for

for it often happens that they ſlip from the *Hawk* into the wind; the *Hawk* not recovering them, raketh after them, which puts the Faulconer to much trouble, and frequently occaſions the loſs of his *Hawk*.

But if it ſo chance that your *Hawk* ſo rake out with a Fowl that ſhe cannot recover it, but gives it over and comes in again directly upon you, then caſt out a ſeeled Duck; and if ſhe ſtoop and truſs it, croſs the Wings, and permit her to take her pleaſure, rewarding her alſo with the Heart, Brains, Tongue, and Liver. For want of a quick Duck, take her down with the dry Lure, and let her plume a Pullet, and feed her upon it.

By ſo doing your *Hawk* will learn to give over a Fowl that rakes out, and hearing the Lure of the Faulconer, will make back again to the River, and know the better to hold in the Head.

A Flight for a Haggard.

When you intend a Flight for a Haggard, for the firſt, ſecond, and third time make choice of ſuch a place where there are no Crows, Rooks, or the like, to take away all occaſion of her raking out after ſuch Check.

Let her not fly out too far on head at the firſt, but run after and cry, *Why lo, why lo*, to make her turn Head. When ſhe is come in, take her down with the Lure, unto which muſt be faſtned a live Pullet, and let her tire, plume, and feed as aforeſaid.

Sometimes a Haggard out of pride and a gadding humour will rangle out from her Keeper: then clog her with great Luring-bells, and make her a Train or two with a Duck ſeeled, to teach her to hold in and know her Keeper: take her down often with the dry Lure, and reward her bountifully, and let her be ever well

well in bloud, or you may whoop for your *Hawk* to no purpoſe.

How to make a Soar-faulcon *or* Haggard *kill her Game at the very firſt.*

If ſhe be well lured, flieth a good Gate, and ſtoopeth well, then caſt off a well-quarried *Hawk*, and let her ſtoop a Fowl on Brook or Plaſh, and watch her till ſhe put it to the plunge: then take down your *Make-Hawk*, reward her, hood her, and ſet her: ſo you may make uſe of her if need require.

Then take your *Hawk* unentred, and going up the wind half a Bow-ſhot, looſe her Hood, and ſoftly whiſtle her off your Fiſt, until ſhe have rouzed or mewted: then let her fly with her Head into the Wind, having firſt given notice or warning to the company to be in readineſs againſt the *Hawk* be in a good Gate, and to ſhew Water, and to lay out the Fowl.

When ſhe is at a good pitch, and covering the Fowl, then notifie that all the company make in at once to the Brook upon the Fowl, to land her: if your Faulcon ſtrike, ſtoop, or truſs her Game, run in to help her, and croſſing the Fowl's Wing, let her take her pleaſure thereon.

If ſhe kill not the Fowl at firſt ſtooping, give her then reſpite to recover her Gate. When ſhe hath got it, and her Head in, then lay out the Fowl as aforeſaid, until you land it at laſt; not forgetting to help her as ſoon as ſhe hath ſeized it, giving alſo her due Reward.

Remedy

Remedy for a Hawk's *taking Stand in a Tree.*

In the firſt place you muſt chuſe ſuch places where are no Wood or Trees, or as little as may be. If you cannot avoid it, then have two or three live Trains, and give them to as many men, placing them conveniently for to uſe them. When therefore your *Hawk* hath ſtooped, and endeavours to go to ſtand, let him to whom the *Hawk* moſt bends caſt out his Train-Duck ſeeled: if the *Hawk* kill her, reward her therewith. If this courſe will not remedy that fault in her by twice or thrice ſo doing, my advice is then to part with the Buzzard.

How to help a Hawk *froward and coy through pride of Greaſe.*

There is a ſcurvy quality in ſome *Hawks*, proceeding from pride of Greaſe, or being high kept, which is a diſdainful coyneſs. Such a *Hawk* therefore muſt not be rewarded although ſhe kill; yet give her leave to plume a little; and then let the Faulconer take a Sheeps-Heart cold, or the Leg of a Pullet, and whilſt the *Hawk* is buſie in pluming, let either of them be conveyed into the Body of the Fowl, that it may ſavour thereof; and when the *Hawk* hath eaten the Brains, Heart, and Tongue of the Fowl, then take out your Incloſure, and call your *Hawk* with it to your Fiſt, and feed her therewith: after this give her ſome Feathers of the Neck of the Fowl to ſcowr and make her caſt.

To make a Hawk *hold in her Head, and not minde Check.*

Take a piece of a Leaſe, and faſten it to your Lure-ſtring, the other end to the Wing of a Pigeon, which you may put in and pull out of your Hawking-bag at your conveniency: when you finde your *Hawk* apt to go out, ſhew your Pigeon. I would not have you uſe it often; for it draws a *Hawk* from her place if well flown.

How to continue and keep a Hawk *in her high-flying.*

If your *Hawk* be a ſtately high-flying *Hawk*, you ought not to engage her in more Flights than one in a morning: for often flying brings her off from her ſtately pitch. If ſhe be well made for the River, fly her not above twice in a morning; yet feed her up though ſhe kill not.

When a high-flying *Hawk*, being whiſtled to, gathers upwards to a great Gate, you muſt continue her therein, never flying her but upon broad Waters and open Rivers; and when ſhe is at the higheſt, take her down with your Lure; where when ſhe hath plumed and broken the Fowl a little, then feed her up, and by that means you ſhall maintain your Faulcon high-flying, inwards, and very fond of the Lure.

Some will have this high-flying Faulcon ſeldom to kill, and not to ſtoop: yet if ſhe kill every day, although ſhe ſtoop from a high Gate, yet if ſhe be not rebuked or hurt therewith, ſhe will, I can aſſure you, become a higher Flier every day than other; but ſhe will grow leſs fond of the Lure. Wherefore your high-

high-flying *Hawks* ſhould be made inwards, it being a commendable quality in them to make in and turn head at the ſecond or third toſs of the Lure, and when ſhe poureth down upon it as if ſhe had killed.

And as the teaching of a Faulcon, or any other *Hawk*, to come readily to and love the Lure, is an art highly commendable, becauſe it is the effect of great labour and induſtry: ſo it is the cauſe of ſaving many a *Hawk*, which otherways would be loſt irrecoverably.

Mark this by the way, that ſome naturally high-flying *Hawks* will be long before they be made upwards, ſtill fiſhing and playing the ſlugs; and when they ſhould get up to cover the Fowl, they will ſtoop before the Fowl be put out: And this may proceed from two cauſes. In the firſt place, ſhe may be too ſharp ſet; and in the next place, it may be ſhe is flown untimely, either too ſoon or too late.

When you ſee a *Hawk* uſe thoſe evil Tatches without any viſible cauſe, caſt her out a dead Fowl for a dead Quarry, and hood her up inſtantly without Reward, to diſcourage her from practiſing the like another time: half an hour afterwards call her to the Lure and feed her, and ſerve her after this manner as often as ſhe fiſheth in that faſhion.

Beſides, to correct this errour the Faulconer ought to conſult the natures and diſpoſitions of his *Hawks*, and ſhould carefully obſerve which flie high when in good plight, and which beſt when they are kept low; which when ſharpeſt ſet, and which on the contrary in a mean between both; which early at Sun-riſing, which when the Sun is but two hours high; which ſooner, and which later in an evening.

For know that the natures of *Hawks* are different; ſo are the times to fly each one: for to fly a *Hawk* in her proper time, and to fly her out of it, is as diſagreeable

able as the flight of a *Gerfaulcon* and a *Buzzard*. Therefore the Oſtrager muſt fly his *Hawks* according to their natures and diſpoſitions, keeping them always in good order.

Where by the bye take notice, all *Hawks*, as well *Soar-hawks* as *Mew'd-hawks* and *Haggards*, ſhould be ſet out in the evening two or three hours, ſome more, ſome leſs, having reſpect to their nature as it is ſtronger or weaker; and in the morning alſo according as they caſt, hooding them firſt, and then ſetting them abroad a weathering, until you get on Horſeback to proſecute your Recreation.

A Flight for the Hern.

This Flight hath leſs of Art in it than Pleaſure to the beholders; and, to ſay the truth, the Flight is ſtately and moſt noble.

As it is leſs difficult to teach a *Hawk* to fly at Fowl than it is to come unto and love the Lure, the firſt being natural, and not the laſt; ſo there is leſs induſtry to be uſed in making a *Hawk* fly the Hern than Water-fowl. To the firſt ſhe is inſtigated by a natural propenſity and inclination; to the latter ſhe is brought with art, pains, and much diligence.

At the beginning of *March* Herns begin to make their Paſſage: if therefore you will adapt your Faulcons for the Hern, you muſt not let them fly longer at the River, and withal you muſt pull them down to make them light; which is done by giving them Hearts and fleſh of Lambs and Calves, alſo Chickens; but give them no wild meats.

To the intent you may acquaint them one with the other, ſo that they may the better fly the Hern and help one another, you muſt call a caſt of them to the Lure at once; but have a care they crab not together;

ther, for ſo they may endanger one another in their flight.

When your *Hawk* is ſcowred and clean and ſharp ſet, you muſt then get a live Hern, upon the upper part of whoſe long ſharp Bill you muſt place a joynt of a hollw Cane, which will prevent her from hurting the *Hawk:* that being done, tie the Hern in a Creance; then ſetting her on the ground, unhood your *Hawk*, who will fly the Hern as ſoon as ſhe ſees her. If ſhe ſeize her, make in apace to ſuccour her, and let her plume and take bloud of the Hern: then take the Brains, the Marrow of the Bones, and the Heart, and laying it on your Hawking-glove, give it your Faulcon. After this, rip her Breaſt, and let your *Hawk* feed thereon till ſhe be well gorged: this being done, hood her up upon the Hern, permitting her to plume at her pleaſure; then take her on your Fiſt, and let her tire on the Foot or Pinion.

Becauſe Herns are not very plentiful, you may preſerve one for a Train three or four times, by arming Bill, Head, and Neck, and painting it of the ſame colour that the Hern is of: and when the Faulcon ſeizeth her, you muſt be very nimble to make in, and deceive her by a live Pigeon clapt under the Wing of the Hern for the Faulcon, which muſt be her Reward.

The *Hawk* having thus ſeveral times taken her Train without diſcovery of the deluſion, you may then let the Hern looſe in ſome fair Field without a Creance, or without arming her: when ſhe is up of a reaſonable height, you may caſt off your Faulcon; who if ſhe bind with the Hern and bring her down, then make in apace to reſcue her, thruſting the Hern's Bill into the ground, and breaking his Wings and Legs, that the *Hawk* may with more eaſe plume and foot him. Then reward her as before, with the Brains,

Mar-

Marrow of the Bones, and Heart, making thereof an *Italian Soppa*.

Thus much of a Train-Hern. Now to fly the wild Hern it is thus: If you finde a wild Hern at Siege, win in as nigh unto her as you can, and go with your *Hawk* under the Wind; and having firſt looſed her Hood in a readineſs, as ſoon as the Hern leaveth the Siege, off with her Hood, and let her fly. If ſhe climbe to the Hern and bring her down, run in (as I ſaid before) to reſcue her, thruſting her Bill into the ground, breaking her Wings and Legs, and rewarding her as aforeſaid on your Hawking-glove.

Now if your Faulcon beat not down the Hern, or do give him over, never fly your Faulcon again at a Hern unleſs with a *Make-hawk* well entred; for the Coward by this means, ſeeing another fly at the Hern and bind with her, takes freſh courage. And if they kill the Hern flying both together, then muſt you reward them both together while the Quarry is hot, making for them a *Soppa* as aforeſaid. This is the onely way to make them both bold and perfect Herners.

Of the HAGGARD-FAULCON, *why ſo called; her good Shape and Properties: And what difference there is between a* Haggard *and a* Faulcon-gentle.

THe *Haggard* is by ſome called the *Peregrin-faulcon*, becauſe, ſay ſome, ſhe is brought from a Country forrein and remote; and therefore others call them *Travellers*, or *Paſſengers*. But if there be no

other reaſon for the name but this, all other *Hawks* coming from exotick places might borrow that appellation.

Upon a threefold conſideration I conceive they are called *Haggard* or *Peregrin-faulcons*.

Firſt, becauſe their Eyrie was never found in any Country by any man that ever I could hear or read of.

Secondly, becauſe theſe Faulcons rangle and wander more than any other Faulcon doth, ſtill ſeeking ſtrange and forrein Coaſts; ſo that where-ever they come they may be juſtly called *Pilgrims* or *Forreiners*.

Thirdly, and laſtly, ſhe never takes up her habitation long in a place.

This *Haggard* is not inferiour to any other Faulcon, but very tender, and cannot endure hard weather, ſay ſome; but my experience hath found it otherwiſe. The reaſon that may be alledged is this; firſt, ſhe travels far, as a Stranger, and comes into Countries commonly in the hardeſt time of the year: next, ſhe is a hot *Hawk*, which may be gathered from her high flying, where the Air is much colder than below, and therefore ought to be more hardy: laſtly, ſhe meweth with more expedition (if ſhe once begin to caſt her Feathers) than other Faulcons do.

They are of ſhape like other Faulcons; but as to mould they are of three ſorts, large, middle-ſiz'd, and little; ſome long-ſhaped, ſome ſhort-truſſed; ſome larger, ſome leſs.

They have a four-fold Mail, blank, ruſſet, brown and Turtle.

The goodneſs of her Shape conſiſts in having her Head plum'd dark or blank, flat on the top, with a white Wreath environing the ſame, a large blue bending Beak, wide Nares, a great black full Eye, high ſtately Neck, large Breaſt, broad Shoulders, a great Turtle-

Turtle-coloured Feather, long Veins and Sails, but ſlender ſhaped, a long Train, high Thighs, and white on the Pendant Feathers, a large wide Foot, with ſlender Stretchers, and Talons tending ſomewhat to an azure colour.

You may know her in her flight from another by the ſtirring of her Wings; for ſhe uſeth no thick ſtroak, but getteth up to her *Mountee* leiſurely, without any great making out: beſides ſhe may be known by her extraordinary large Sails.

The differences between the *Haggard* and *Faulcon-gentle* are theſe.

Firſt, the *Haggard* is larger, being longer-armed with longer Beak and Talons, having a higher Neck, with a long and fair-ſeaſoned Head.

Secondly, her Beam-feathers in flight are longer than the *Faulcon-gentle*'s, her Train ſomewhat larger: again, the *Haggard* hath a flat Thigh, and the other's is round.

Thirdly, the *Haggard* will lie longer on the Wing.

Fourthly, the *Haggard* at long flight exceeds the *Faulcon-gentle*; which laſt flieth with more ſpeed from the Fiſt than the other. For maintenance of Flight and goodneſs of Wing the *Haggard* exceeds all other *Hawks*.

Fifthly, and laſtly, the *Haggard* is more deliberate and adviſed in her Stooping than the *Faulcon gentle*, who is more hot and haſty in her Actions, and miſſing the Fowl, is apt preſently to fly on head at the Check.

Of the BARBARY-FAULCON.

THe *Barbary*, or, as ſome call her, the *Tartaret-Faulcon*, is a Bird ſeldom found in any Country, and is called a *Paſſenger* as well as the *Haggard*. They are ſomewhat leſſer than the *Tiercel-gentle*, and plum'd red under the Wings, ſtrong-armed, with long Talons and Stretchers.

The *Barbary-faulcon* is venturouſly bold, and you may fly her with the *Haggard* all *May* and *June*. They are *Hawks* very ſlack in Mewing at firſt; but when once they begin, they mew their Feathers very faſt.

They are called *Barbary-faulcons* becauſe they make their paſſage through that Country and *Tunis*, where they are more frequently taken than in any other place, namely in the Iſles of the *Levant*, *Candy*, *Cyprus*, and *Rhodes*. In my opinion ſhe is a *Hawk* of not much value, and therefore I ſhall leave her, to ſpeak of another of greater reputation.

Of the GERFAULCON.

THe *Gerfaulcon* is a very fair *Hawk*, and of great force, eſpecially being mewed: ſhe is ſtrong-armed, having long Stretchers and Singles; ſhe is fierce and hardy of nature, and therefore difficultly to be reclaimed. She is a lovely Bird to behold, larger than any kind of Faulcon: her Eyes and Head are like the *Haggard*'s. Her

Her Beak is great and bending: ſhe hath large Nares, and a Mail like a *Lanner*'s; her Sails are long and ſharp-pointed; her Train much like the *Lanners*; ſhe hath a large Foot marble-feared, and is plumed blank, brown, and ruſſet. She expects great civility from her Keeper, who muſt exerciſe a great deal of patience on her.

The *Gerfaulcon*'s Eyrie is in ſome parts of *Pruſſia*, and on the borders of *Ruſſia*; and ſome come from the Mountains of *Norway*, and from *Germany*: Theſe may be alſo called *Paſſengers*.

By reaſon of the fierceneſs and hardineſs of this Bird, ſhe is very hardly manned and reclaimed; but being once overcome, ſhe proves an excellent *Hawk*, and will ſcarce refuſe to fly at any thing.

Their Beaks are blue, ſo are the Sears of their Legs and Feet, having Pounces and Talons very long.

Theſe *Hawks* do not fly the River, but always from the Fiſt fly the Herns, Shovelers, *&c.*

In going up to their Gate they do not hold that courſe or way which others do; for they climbe up upon the Train when they find any Fowl, and as ſoon as they have reacht her they pluck her down, if not at the firſt, yet at the ſecond or third encounter. You muſt feed and reward them like other Faulcons.

They are very crafty, and covet to keep their Caſtings long through ſloth; therefore inſtead of Cotton give them a Catting of Tow, and be ſure to keep them ſharp ſet.

In the Manning and Reclaiming you muſt by kindneſs make her gentle and familiar with you. When you have taught her to be lured looſe, then learn her to come to the Pelts of Hens, or any other Fowl: but let her not touch any living fleſh, for fear that draw her love away from your Voice and Hand.

All this time you muſt be cloſe by her, about her, and upon your Knees, uſing your Voice unto her, with her dinner and ſupper clean dreſt and waſht, giving her ſtill ſome bits thereof with your hand, that ſhe may the more delight therein. By doing thus frequently you will ſo win her, that ſhould ſhe be guilty of Carrying, yet by this means ſhe will be reclaimed, and forget that errour.

Let the Oſtrager have eſpecial care how he make his *Gerfaulcon* at firſt, and indeed all other *Hawks*; for as they are made then, he ſhall ever finde them after; and if they are well made, they are twice made, and for ever made: and therefore have a care of too much precipitation in poſting them forward from one leſſon to another, before they are perfect in any thing.

If you train her with Doves, ſhe will not carry a feather from you. But firſt before you ſpring her any Doves, let her kill four or five at Lure cloſe by your foot, having a pair of ſhort Creances at your Lure.

Here note, that the *Gerfaulcon* is moſt deſired for her high-flying, and is beſt at Hern and the Mountee: and that you may bring her to perfection herein, play with your entermewed *Gerfaulcon* the firſt year, ſhewing her all imaginable kindneſs, and uſing all poſſible means to make her love you. When you have brought her forward, give her often Caſtings to cleanſe and purge her, alſo to prevent the growth of too much glut and fatneſs in her inward parts, which will indanger her life.

Of

Of the SAKER.

THe *Saker* is a Paſſenger or Peregrin-hawk, for her Eyrie hath not been found by any. They are found in the Iſles of the *Levant*, *Cyprus*, *Rhodes*, and *Candia*, and in ſeveral other Iſlands in the Sea.

She is ſomewhat larger than the Haggard-faulcon; her Plume is ruſty and ragged; the Sear of her foot and beak like the Lanner; her Pounces are ſhort, however ſhe hath great ſtrength, and is hardy to all kind of Fowl. She is more diſpoſed to the Field a great deal than to the Brook, and delights to prey on great Fowl, as the Hern, the Gooſe, *&c.* As for the Crane, ſhe is not ſo free to fly at her as the Haggard-faulcon. The *Saker* is good alſo for leſſer Fowl, as Pheaſant, Partridge, *&c.* and is nothing ſo dainty of her diet as *Hawks* long-winged.

This *Hawk* will make excellent ſport with a Kite, who, as ſoon as ſhe ſees the *Saker* (the Male whereof is called a *Sakeret*) caſt off, immediately betakes her ſelf to and truſts in the goodneſs of her Wings, and getteth to her pitch as high as poſſibly ſhe may, by making many Turns and Wrenches in the Air: which if well obſerved, together with the variety of conteſts and bickerings that are between them, it cannot but be very pleaſant and delightful to the beholder. I have known in a clear day, and little wind ſtirring, that both the *Saker* and Kite have ſoar'd ſo high that the ſharpeſt Eye could not diſcern them, yet hath the Saker in the encounter conquered the Kite, and I have ſeen her come tumbling down to the ground with a ſtrange precipitancy.

Of all Birds the *Saker* hath the longeſt Train. This *Hawk* will fly at Hern, Kite, Pheaſant, Partridge, Quail, and ſometimes at the Hare; but her chiefeſt excellency conſiſts in her flying at the Crane. Now becauſe we have but few of them in *England*, I ſhall deſiſt from ſpeaking farther of the *Saker*, onely that ſhe is made to the Lure as other *Hawks* are: and indeed all Faulcons are made after the ſame manner, yet are not flown withal alike; for *Sakers*, *Lanners*, *Gerfaulcons*, *Mylions*, and *Merlins* do not fly the River; if any do, it is very rarely.

Of the LANNER, LANNERET, *and* TUNISIAN.

THe *Lanner* is a *Hawk* common in all Countries, eſpecially in *France*, making her Eyrie on high Trees in Foreſts, or on high Cliffs near the Seaſide.

She is leſſer than the Faulcon-gentle, fair-plumed when an Enter-mewer, and of ſhorter Talons than any other Falcon. Thoſe who have the largeſt and beſt-ſeaſoned Heads are the beſt Lanners.

With the *Lanner* or *Lanneret* you may fly the River; and both are very good alſo for the Land.

They are not very choice in their Food, and can better away with groſs Victuals than any other *Hawk*.

Mew'd *Lanners* are hardly known from the *Soarhawks*, (and ſo likewiſe the *Saker*) becauſe they do not change their Plume.

You may know the *Lanners* by theſe three tokens. 1. They are blanker *Hawks* than any other. 2. They have

have leſs Beaks than the reſt. 3. And laſtly, They are leſs armed and pounced than other Faulcons.

Of all *Hawks* there is none ſo fit for a young Faulconer as the *Lanner*, becauſe ſhe is not inclined to Surfeits, and ſeldome melts Greaſe by being over-flown.

There are a ſort of *Lanners* which Eyrie in the *Alps*, having their Heads white and flat aloft, large and black Eyes, ſlender Nares, ſhort and thick Beaks, and leſſer than the *Haggard* or *Faulcon-gentle*. Some are indifferent large, ſome leſs, and others middle-ſized.

Their Mail is marble or ruſſet; their Breaſt-feathers white and full of ruſſet ſpots; the points and extremities of their Feathers full of white drops; their Sails and Train long: they are ſhort Leg'd, with a foot leſs than that of a Faulcon, marble-ſeer'd; but being mew'd the Seer changeth to a yellow.

The *Lanner* never lieth upon the Wing after ſhe hath flown to Mark, but after once ſtooping ſhe maketh a Point, and then, like the *Goſhawk*, waits the Fowl.

If ſhe miſs at the firſt down-fall and kill not, ſhe will conſult her advantage to her greateſt eaſe.

Theſe kind of *Hawks* are highly prized in *France* and *Italy*, neither is ſhe deſpiſeable in *England*; but we look upon them as ſlothful and hard-mettled: and therefore if you intend to have any good of her, keep a ſtrict hand over her; for ſhe is of an ungrateful diſpoſition, and will ſlight your kindneſſes, contrary to the nature of the *Faulcon-gentle*, who for one good uſage will return a treble courteſie, and the better ſhe is rewarded the better ſhe will fly.

They are flown at Field or Brook, and are *Hawks* that maintain long flights, whereby much Fowl is killed (and more than by a better *Hawk*) by reaſon of Dogs and Hawking-poles.

If

If you will fly with a *Lanner*, you muſt keep her very ſharp: and becauſe they keep their Caſtings long, by reaſon they are hard-metled *Hawks*, give them therefore hard Caſtings made of Tow and knots of Hemp.

In the reclaiming the *Lanner* and the *Lanneret* much pains and labour muſt be taken, and the chiefeſt thing is to make her well acquainted with the Lure, which muſt be garniſhed with hard waſhed meat, and let her receive the major part of her Reward in bits from your hand: as for the reſt of her Training, take the ſame courſe which I have directed in the manning and ordering of the *Haggard faulcon*. But above all take pains to ſtay her, and by your utmoſt art reſtrain her from dragging or carrying any thing from you, to which ill quality ſhe is more inclined than any other *Hawk* whatever.

To conclude this Chapter, I come next to the *Tuniſian faulcon*, which is not much different in nature from the *Lanner*, yet ſomewhat leſs, but in Foot and Plume much alike. She hath a large round Head, and is more creeſe than the *Lanner*, and more heavy and ſluggiſh in her flight.

She is called a *Tuniſian-faulcon*, from *Tunis* the Metropolis of *Barbary*, the Country where ſhe uſually makes her Eyrie.

They are excellent *Hawks* for the River, lying long upon the Wing, and will fly the Field alſo very well.

They naturally delight to ſeize upon the Hare, and will ſtrike boldly at her. Much more might be ſaid of her, which I here omit, ſhe being a *Hawk* not very common in *England*.

Having curſorily diſcourſt in as good a method as I could of the ſeven ſorts of Faulcons, with their Manning, Reclaiming, Luring, Training, Staying, *&c.*

I ſhall proceed to give you an account of ſome other *Hawks*, which I propounded and promiſed in the beginning of this Treatiſe: take them thus in order.

Of the MERLIN.

THe *Merlin* in Plume is much like the *Haggard-Faulcon*, alſo in the Sear of the Foot, Beak and Talons, and is much alike in Conditions.

A *Merlin* well mann'd, lur'd, and carefully lookt after, will prove an excellent *Hawk*. Their flight is ſwifter than any other *Hawk*, and naturally they fly at Partridge, Thruſh and Lark.

It is a Bird very buſie and unruly, and therefore the Faulconer ought to take ſpecial heed and care of them, leſt unnaturally they eat off their own Feet and Talons, which ſeveral of them have been known to do, and die thereby. For which cauſe *Merlins* ought not to be mew'd or intermew'd, becauſe in the Mew they often ſpoil themſelves.

She is accounted a *Hawk* of the Fiſt, and not of the Lure: but to my knowledge ſhe may be brought to love the Lure very well.

She is very venturous and hardy, which may appear by her flying at Birds as big or bigger than her ſelf, with ſuch eagerneſs as that ſhe will purſue them even into a Town or Village.

If you will fly with a *Merlin* at a Partridge, chuſe the *Formal*, which is the Female. The *Jack* is not worth the Training.

When you have made her to the Lure, and that ſhe will patiently endure the Hood, then make her a Train with a Partridge: if ſhe foot and kill it, reward her well,

well, ſuffering her to take her pleaſure thereon. After this fly her at the wild Partridge; if ſhe take or mark it at firſt or ſecond flight, being retrieved by the Spaniels, feed her upon it with a reaſonable Gorge, chearing her with your Voice in ſuch manner that ſhe may know it another time. If ſhe prove not hardy at firſt Train, try her with a ſecond or third: if ſhe prove not then, ſhe will prove nothing worth.

If you fly the *Merlin* at Lark or Linnet, let it be with a Caſt of *Merlins* at once, becauſe they love to fly in company: beſides, it is a greater delight to the Spectators to ſee them fly together; you ſhall obſerve the one climbe to the Mountee above the Lark, and the other to lie low for her beſt advantage.

When your *Merlin* is throughly manned and made gentle, (which you muſt bring to paſs according to the method propounded for other *Hawks*) I ſay, when ſhe is reclaimed, you may then carry her into the fields; where having found a Lark or Linnet, get as neer as you can into the Wind to the Bird; and as ſoon as the Bird riſeth from the ground, unhood your Caſt of *Merlins* and caſt them off, and when they have beaten down the Lark let them feed a little thereon.

There is a ſort of Larks which I would not adviſe the Faulconer to fly at, and they are called *Cut-larks*, which do not mount as the long-ſpur'd field-Lark, but fly ſtraight forward, to the endangering the loſs of your *Hawk* without any paſtime or pleaſure.

Of the Mewing of Merlins, Faulcons, Gerfaulcons, *and* Mylions *at Stock or at Large: and which is the beſt way of Mewing.*

It is the opinion of ſome, (but how commendable I will leave the Reader to judge) that *Merlins* cannot be

be mew'd, or if they be, that they are very rarely good afterwards. Experience tells me the contrary: for if they be hardy, and have flown well in their Soarage, they have proved much better after mewing than before.

The time of mewing for Faulcons ſhould be about the latter end of *April*; at which time ſet down your Faulcons, diligently obſerving whether they be louzy or not: if they are, pepper them, and that will infallibly kill the Lice. You muſt alſo ſcour them before you caſt them into the Mew.

Mewings are of two ſorts; the one looſe and at large, the other at the Stock or Stone.

Mewing at large is thus in ſhort: If your Room be large, by diviſions you may mew four Faulcons at once, each partition conſiſting of about twelve foot ſquare, and as much in height, with two Windows two foot broad, the one opening to the North, for the benefit of cold Air, the other to the Eaſt, for the beneficial warmth of the Sun. At your Eaſt-window let there be a Board two foot broad even with the bottom of the Window, with a Lath or Ledge round; in the middle ſet a green Turff, laying good ſtore of Gravel and Stones about it, that your *Hawk* may take them at her pleaſure.

If your Faulcon be a great Bater, let you Chamber be on the ground, which muſt be covered four fingers thick with groſs Sand, and thereon ſet a Stone ſomewhat taper of about a Cubit in height, on which they love to ſit by reaſon of its coolneſs.

Make her two Pearches, at each Window one, to recreate her ſelf as ſhe pleaſeth either with heat or cold.

Every week or fortnight ſet her a Baſon of Water to bathe in, and when ſhe hath bathed therein take it away the night following.

You

Your Mew muſt have a Portal to convey in the Hack, a thing whereon the meat is ſerved. I need not preſcribe the manner how to make it, ſince it is a thing ſo generally known already.

You ought to keep one ſet hour in feeding; for ſo will ſhe mew ſooner and better: when ſhe hath fed and gorged her ſelf, then remove the Stick from the Hack on which the meat was faſtened, to keep her from dragging it into the Mew.

In the opinion of moſt it is better Mewing at the Stock or Stone, which muſt be performed thus: Make choice of a Ground-room remote from noiſe or concourſe of people, and therein ſet a Table of what length you think is moſt convenient for the number of your Faulcons, and of about ſix foot in breadth, with thin Boards along the ſides and ends, about four fingers high from the ſuperficies of the Table, which muſt ſtand on Treſſels about three foot high from the ground. Let this Table be covered indifferently thick with great Sand mixt with ſmall Pebbles, in the midſt whereof place a pyramidal Free-ſtone about a yard in height, unto which tie your Falcon, Gerfalcon, Merlin or Mylion: then take a ſmall Cord of the bigneſs of a Bow-ſtring, and put it through a Ring or Swivel, and bind it about the Stone in ſuch ſort that the Swivel may go round the Stone without let or hindrance, and thereunto tie the Leaſe of your *Hawk*.

Here note, that if you mew more than one *Hawk* in one Room, you muſt ſet your Stones at that diſtance, that when they bate they may not crab one another.

The reaſon of placing this Stone is, becauſe the Faulcon delights to ſit thereon for its coolneſs ſake, and the little gravelly ſtones the *Hawk* frequently ſwallows to cool her within. The Sand is neceſſary to preſerve their Feathers when they bate, and their Mewets

ets are the more eaſily cleanſed. The little Cord with the Swivel tied about the Stone is to keep the *Hawk* from tangling when ſhe bateth, becauſe the Ring will ſtill follow her.

All day let your *Hawk* ſtand hooded, onely when you take her on your Fiſt to feed: at night unhood her; and leſt any accident ſhould happen in the night prejudicial to the *Hawk*, the Faulconer ought to lie in the Mew.

Of the HOBBY.

THe *Hobby* is a *Hawk* of the Lure and not of the Fiſt, and is a high flier, and is in every reſpect like the *Saker*, but that ſhe is a much leſſer Bird.

The *Hobby* hath a blue Beak, but the Seer thereof and Legs are yellow: the Crinets or little Feathers under her Eye are very black; the top of her head is betwixt black and yellow, and ſhe hath two white ſeams on her Neck; the Plumes under the Gorge and about the Brows are reddiſh without ſpot or drop; the Breaſt-feathers are brown for the moſt part, yet powdered with white ſpots; her Back, Train, and Wings are black aloft, having no great ſcales upon the Legs unleſs it be a few beginning behind the three Stretchers and Pounces, which are very large in reſpect of her ſhort Legs; her Brail-feathers are engouted betwixt red and black; the Pendant-feathers (which are thoſe behind the Thigh) are of a ruſty ſmoaky complexion. The daring *Hobby* may be well called ſo, for ſhe is nimble and light of Wing, and dares encounter Kites, Buzzards, or Crows, and will give ſouſe for ſouſe, blow for blow, till ſometimes they

ſeize

ſeize and come tumbling down to the ground both together.

They are chiefly for the Lark, which poor little creature ſo dreads the ſight of a *Hobby* ſoaring in the Air over her, that ſhe will rather chuſe to commit her ſelf to the mercy of Man or Dogs, or to be trampled on by Horſes, than venture her ſelf into that element where ſhe ſees her mortal Enemy ſoaring.

The *Hobby* makes excellent ſport with Nets and Spaniels, which is performed after this manner. The Dogs range the field to ſpring the Fowl, and the *Hobbies* ſoar over them aloft in the Air: the ſilly Birds, fearing a conſpiracy between the Hawks and Dogs to their utter deſtruction, dare not commit themſelves to their Wings, but think it ſafer to lie cloſe to the ground, and ſo are taken in the Nets. This ſport is called *Daring*.

Of the GOSHAWK.

THere are ſeveral ſorts of *Goſhawks*, and they are different in goodneſs, force, and hardineſs, according to the diverſity of their choice or Cawking: at which time when *Hawks* begin to fall to liking, all Birds of Prey do aſſemble themſelves with the *Goſhawk*, and flock together.

The Female is the beſt: and although there be ſome *Goſhawks* which come from *Sclavonia*, *Sardinia*, *Lombardy*, *Ruſſia*, *Puglia*, *Germany*, *Armenia*, *Perſia*, *Greece*, and *Africa*; yet there are none better than thoſe which are bred in the North-parts of *Ireland*, as in the Province of *Ulſter*, but more eſpecially in the County of *Tyrone*.

Take

Take theſe Rules as to the goodneſs of her proportion or ſhape.

She ought to have a ſmall Head, her Face long and ſtraight, a large Throat, great Eyes, deep ſet, the Apple of the Eye black, Nares, Ears, Back, and Feet large and blank; a black long Beak, long Neck, big Breaſt, hard fleſh, long Thighs, fleſhy, the bone of the Leg and Knee ſhort, long large Pounces and Talons. From the Stern or Train to the Breaſt forward ſhe ought to grow round: the Feathers of the Thighs towards the Train ſhould be large, and the Train-feathers ſhort, ſoft, and ſomewhat tending to an Iron Mail. The Brayl-feathers ought to be like thoſe of the Breaſt, and the Covert-feathers of the Train ſhould be ſpotted and full of black rundles; but the extremity of every Train-feather ſhould be black-ſtreaked.

The ſigne of force in a *Goſhawk* is this: Tie divers of them in ſeveral places of one Chamber or Mew, and that *Hawk* that doth ſliſe and mewt higheſt and fartheſt off from her, is without queſtion the ſtrongeſt *Hawk*; for the high and far mewting argues a ſtrong Back.

I might tell you the ill ſhape of a *Goſhawk*; but ſince I have declared the good, the bad may be collected from thence: *Contraria contrariis dignoſcuntur.* However take this general rule, That *Goſhawk* that hath pendant Plumes over her Eyes, the whites whereof are wateriſh and blank, that is red-mail'd or bright tawny, hath the moſt aſſured tokens of a *Hawk* that is ill-condition'd.

The *Goſhawk* preyeth on the Pheaſant, Mallard, Wild-gooſe, Hare, and Coney; nay, ſhe will venture to ſeize on a Kid or Goat; which declareth the ineſtimable courage and valour of this *Hawk*.

She ought to be kept with great care, becauſe ſhe is very choice and dainty, and looks to have a nice hand kept over her.

How to make the Soar or Haggard Goſhawk.

Firſt trim them with Jeſſes, Bewets, and Bells, as ſoon as they come to your hands; keep them ſeeled ſome time, hooding and unhooding them often, teaching them to feed on the Fiſt three or four days, or till they have left their Rammageneſs and become gentle: having ſo done, unſeel them by Candle-light at night, cauſing them to tire or plume upon a Wing or Leg of a Pullet; and be ſure to deal gently and mildly with them until you have won and throughly manned them: then you may go into ſome pleaſant field, and firſt giving them a bit or two hooded on your Fiſt, and the like unhooded, caſt them down fair and ſoftly on ſome Pearch, and make them come from it to your Fiſt, calling to them with a Faulconer's uſual terms; and when they come, feed them, calling all the while in the ſame manner to make them acquainted with your voice. The next day you may call them with a Creance at a farther diſtance, feeding them as before.

When you have thus called your *Goſhawk* abroad three or four days, and that you finde her grow cunning, then take her on your Fiſt, and mount on Horſeback, and ride with her an hour or two, unhooding and hooding her ſometimes, giving her a bit or two in ſight of your Spaniels, that ſhe may not be afraid of them: this being done, ſet her on a Tree with a ſhort Creance tied to her Loins, and going half a ſcore yards from her on Horſeback, call her to your Fiſt according to art; if ſhe come, reward her with two or three bits, and caſt her up again to the Tree: then throw out a dead Pullet (to which ſhe was uſed before) about a dozen yards from her; if ſhe fly to it and ſeize it, let her feed three or four bits upon it; ride

the

the mean while about her on Horſeback, and rate back your Spaniels, becauſe they ſhall not rebuke her at firſt, and make her ever after afraid of them: then alight, and gently take her on your Fiſt, feed her, hood her, and let her plume or tire.

Here note, that the *Goſhawk* is a greater Poulterer, and therefore it would be more requiſite to throw out a dead Partridge, or one made artificially with its Wing, Tail and Plumage; which will cauſe her to know Partridge better, and Poultry leſs.

How to make a Goſhawk *fly to the Partridge.*

Having manned your *Goſhawk*, go into the field with her, carrying with you a Train-partridge, and unhooding your *Hawk*, bear her as gently as you can; and you will do well to let her plume or tire, for that will make her the more eager.

If the Partridge ſpring, let her fly: if ſhe mark one, two, three, or more on the ground, then go to her and make her take Pearch on ſome Tree thereby: then if you can retrive the Partridge with your Spaniels, as ſoon as they ſpring it you muſt cry, *Howit*, *Howit*, and retrive it the ſecond time, crying when it ſpringeth as aforeſaid: if your *Hawk* kill it, feed her upon it.

If it ſo happen your Spaniels ſhould take it; (as it is very frequent for hot Spaniels to light upon the Partridge, being either flown out of breath, or overcharged with fear) then alight from your Horſe, and taking it ſpeedily from the Dogs, caſt it out to your *Hawk*, crying, *Ware Hawk*, *ware*, and let her feed thereon at her pleaſure.

After this you muſt not fly her in two days: for having fed on bloudy meat, ſhe will not ſo ſoon be in good caſe to fly again; for ſuch meat is not ſo eaſily endewed by a *Hawk* as the Leg of a Chicken or the like.

Uſing her thus three or four times, ſhe will be well in bloud, and become an excellent Flier at this pleaſant Field-flight.

Here note, that you muſt do at firſt with her as with other *Hawks*, that is, ſeel and watch her, and win her to feed, to the Hood, to the Fiſt, *&c.* and then enter her to young Partridges till *November*, at which time both Trees and Fields become bare and empty: then you may enter her to the old *Rewen*, ſetting her ſhort and eager; if ſhe kill, feed her up with the Partridge three or four times, and this will bring her to perfection.

If your *Hawk* be a good Partridger, let her not fly at the Powt or Pheaſant, for they fly not ſo long a Flight as the Partridge; and therefore the *Goſhawk*, being more greedy of Prey than any other *Hawk*, (yet deſirous of eaſe) would always covet ſhort Flights, not caring to hold out: not but that there are ſome good both for long and ſhort flights, but they are rarely found.

Beſides, you muſt have a great care in keeping them in good order, with Flying, Bathing, Weathering, Tiring and Pluming.

How to help a Goſhawk *that turneth Tail to Tail, and giveth over her Game.*

It is uſual for a *Goſhawk* to fly at a Partridge, yet neither kill it, nor fly it to mark, but to turn *Tail to tail*; that is, having flown it a Bow-ſhot or more, ſhe giveth over her Game, and takes a Tree: then muſt you call in your Spaniels to the Retrieve that way your *Hawk* flew the Partridge; let the Faulconer draw himſelf that way alſo, and carrying with him a quick Partridge, let him caſt it out to her, which will make her

her believe it is the ſame ſhe flew at. When you caſt it out cry, *Ware Hawk ware*; make her ſeize it, and feed her upon it: and this will encourage her to fly out her flight another time. If the next time you fly her (which muſt be the third day) ſhe ſerve you ſo again, then muſt you do as aforeſaid with a live Partridge carried about you for that purpoſe: if ſhe ſerve you ſo the third time, I ſhould adviſe you to rid your hands of her as ſoon as you can.

Haw to make a Goſhawk *fly quickly.*

The *Goſhawk* (eſpecially Soars and Niaſſes) are very loving to and fond of man, and therefore ſhould be flown with a little more Rammage, elſe frequently, after two or three ſtroaks with their Wings, they will give over the Flight, and return to the Keeper: wherefore you muſt fly with them as ſoon as you can. And yet there is an evil which attends this direction, and that is, by flying over-ſoon you will pull down your *Hawk* and make her poor, from whence proceeds fearfulneſs and cowardiſe. To remedy which, you muſt give your *Hawk* ſome reſpite, and ſet her up again before you fly her. There are ſome *Goſhawks* (but very few) which will not fly when they are in good plight: then muſt you bate their fleſh, and pinch them with ſcouring, waſht meat, and the like. But the beſt way of flying ſuch an one is when ſhe is luſty and high: and to adde to her vivacity and courage, let her be ſet abroad in the morning an hour or two, when the weather is not very cold; for being ſo weather'd, when ſhe hath flown a Partridge to the Mark, ſhe will not away until it be retrieved by the Spaniels.

How to fly a Goſhawk *to the River.*

A *Goſhawk* (but no Tiercel) may fly the River at Mallard, Duck, Gooſe, or Hern, with other large Water-fowl: She is made for that purpoſe after this manner.

Firſt, make her to the Fiſt, as is preſcribed in her making to the Field: then carry her into the field without Bells, and with a live Duck, which you muſt give to one of the company, who muſt hide himſelf in ſome Ditch or Pit with the Duck tied to a Creance: then muſt you draw near him with your *Hawk* unhooded on your Fiſt, and giving him ſome private notice to throw out the Duck, caſt off your *Hawk*; and if ſhe take it at the Source, let him reward and feed her with a reaſonable Gorge: then take her upon your Fiſt and hood her, permitting her to tire and plume upon the Leg or Wing of the Duck. The third day go again with her into the Field in like manner, or elſe finde out ſome Plaſh or Pool where Wild-fowl lie, taking the advantage of the riſing Bank: being near the Fowl, let ſome of the company raiſe them up, and your *Hawk* being unhooded, caſt her off; if ſhe kill any of them at Source, make in to her quickly, and croſs the Fowl's Wings, ſo that ſhe may foot and plume it at her pleaſure, rewarding her as before. After this take her on your Fiſt, and let her tire and plume the Leg or Wing of the Fowl aforeſaid.

When your *Goſhawk* is throughly nouzled, and well in bloud, you may fly her twice a day or oftner, rewarding her as before.

An excellent way to preſerve a Goſhawk *in the time of her flying, eſpecially in hot weather.*

Take a pint of Red-roſe-Water, put it into a Bottle, bruiſe one ſtick or two of green Liquoriſh and put in it likewiſe a little Mace, and the quantity of a Wall-nut of Sugar-candy, and draw her meat through it twice or thrice a week as you ſhall finde occaſion: It prevents the Pantaſs, and ſeveral Diſeaſes they are ſubject to: beſides, it gives a huge Breath, and gently ſcoureth her.

How to fly the Wild-gooſe or Crane with the Goſhawk.

Having mann'd your *Goſhawk*, brought her to the Fiſt, and train'd her with a Gooſe in the Field, then ſeek out where Wild-geeſe, Cranes, or other large Wild-fowl lie: having found them afar off, alight and carry your *Hawk* unhooded behinde your Horſe, ſtalking towards them until you have got pretty nigh them, holding down your *Hawk* covert under the Horſe's Neck or Body, yet ſo that ſhe may ſee the Fowl: then you muſt raiſe them, and caſting off your *Hawk*, if ſhe kill reward her. And thus ſhe may kill four or five in a day.

In like manner you may make her to the Crane, and may ſtalk to Fowl which lie in Ponds or Pits as aforeſaid.

Here note, that if you can fly at great, ſlight the leſſer Flights, which will make your *Hawk* the bolder.

How to mew a Goſhawk, *and draw her out of the Mew, and make her Flying.*

Having flown with a *Goſhawk*, *Tiercel*, *Soar*, or *Haggard* till *March*, give her ſome good Quarry in her Foot, and having ſeen her clean from Lice, cut off the Buttons of her Jeſſes, and throw her into the Mew; which Room ſhould be on the ground, and ſcituated towards the North if poſſible.

Let the Pearches therein be lined with Canvas or Cotton; for otherwiſe by hurting her Foot ſhe may get the Gout or Pynn.

Let the Mew have alſo a Window towards the Eaſt, and another Northward. There muſt be alſo a Baſon of Water in the Mew for bathing, which muſt be ſhifted every three days. Feed your Hawk with Pigeons, or elſe with the hot Fleſh of Weather-Mutton.

About the beginning of *October* if you finde your *Goſhawk* fair-mew'd and hard-penn'd, then give her Chickens, Lambs-hearts, or Calves-hearts, for about twenty days together, to ſcour her, and make her ſliſe out the ſlimy ſubſtance and glitt out of her Pannel, and enſeam her.

Having done thus, ſome Evening draw her out of the Mew, and new furniſh her with Jeſſes, Bells, Bewets, and all other things needful for her: then keep her ſeel'd two or three days, till ſhe will endure the Hood patiently; for mewed Hawks are as impatient of the Hood as thoſe newly taken.

When you have won her to endure the Hood, then in an Evening by Candle-light you may unſeel her, and the next day ſhew her the Fiſt and Glove, making her to tire and plume morning and evening, giving her ſometimes in the morning (when her Gorge is empty)

empty) a little Sugar-candy, which will help her in an excellent manner to endew.

When you finde your *Goſhawk* feed eagerly, and that you think in your judgement ſhe is enſeamed, and that you may boldly fly with her, then go with her into the Field; ſhe will then bate, (if empty) and fly of her own accord: if ſhe kill, feed and reward her; but if ſhe fly to the mark with a Partridge, then muſt you retrive it, and ſerve her as afore declared.

Some general Obſervations for an Oſtrager or Falconer in keeping and Reclaiming a Goſhawk.

It frequently happens that a *Goſhawk* or *Tiercel*, where good in their Soarage, become worſe after they are mewed: and the reaſon may be, becauſe ſhe was not cheriſhed nor encouraged, to make her take delight in her Soarage.

For in a manner the major part of a Faulconer's skill conſiſts in coying and kinde uſage of his *Hawk*, ſo cheriſhing her that ſhe may take delight in her Flight.

At the firſt entring of his *Hawk* he ought always to have a Train-Partridge in his Bag, to ſerve her with when need requires, to puchaſe her love: and let him take ſuch obſervations which may keep his *Hawk* always in good order. As firſt, he muſt know naturally all *Goſhawks* are full of moiſt humours, eſpecially in the Head, and therefore let him ply them with Tiring and Pluming morning and evening; for that will open them in the Head, and make them caſt water thereat. Let the *Goſhawk*'s tiring be a Rump of Beef, a Pinion or the Leg of a Chicken, given by the fire, or in the warm Sun: this not onely opens her Head, but keeps her from ſlothfulneſs in good exerciſe.

Give

Give her every night Caſting of Feathers or Cotton; and in the morning mark whether it be wrought round or not, whether ſweet or not, whether moiſt or dry, and of what colour the water is that drops out of the Caſting: by theſe means he ſhall know what condition his *Hawk* is in.

He alſo ought to regard her Mewts, to ſee whether they be clean or not, and give remedies accordingly. He ought alſo to conſider the ſeaſon; for in cold weather he muſt ſet his *Hawk* in ſome warm place where fire is made; he muſt line the Pearch with Canvas or Cotton, and muſt ſet it ſo far from the Wall that the *Hawk* hurt not her Feathers when ſhe bateth. If the weather be temperate, he may then ſet her in the Sun-ſhine for an hour or two in the morning.

Let no Hens or Poultry come near the place where your *Hawk* doth pearch; and in the Spring offer her water every week, or elſe ſhe will ſoar away from you when ſhe flieth, and you may go look her.

If your *Hawk* bathe her ſelf ſpontaneouſly in cold weather after her flight, go preſently to the next houſe and weather her with her Back to the fire, and not her Gorge, for that will make her ſick: and dry your *Hawk*, if you have carried her in the Rain.

A good Faulconer will always keep his *Hawk* high and luſty, yet ſo that ſhe may be always in a condition to fly beſt.

Alſo he muſt keep his *Hawk* clean, and her Feathers whole: and if a Feather be broken or bruiſed, he muſt preſently imp it; and to that end he muſt have his Imping-needles, his Semond, with other Inſtruments always in readineſs.

The firſt year it is moſt requiſite to fly your *Goſhawk* to the Field, and not to the Covert; for ſo they will learn to hold out, and not turn tail in the midſt of their flight: and when they are mewed *Hawks*, you may

may make them do what you will: and it is better to let her be a little rammage than to be overmanned.

Her feeding is beſt on hot meats: and if you would inſtruct her to kill great Fowl, make her Trains thereof; and if you would have her continue thoſe Flights, never fly her at leſs, for that will take her off from them and ſpoil her. If you will make her to fly with a Dog to aſſiſt her, then feed your *Hawk* with great Fowl, and your Dogs with fleſh tied under their Wings. If you train your *Hawk* with them, rewarding her upon the Train, and your Dog with her, this will make them acquainted together.

Thus continue doing till your Dog throughly knows his duty: and be ſure to keep your Dog tied up; for if you let him go looſe, it will ſpoil the beſt Dog that is: and never give him a reward but when he maketh in at ſuch Fowls to reſcue the *Hawk*.

Gall your *Goſhawk* to no other thing than your Fiſt, and oftentimes ſpurt good wine on your *Goſhawks* Sears: And note, that in all her Diſtempers ſweet things are beſt to be adminiſtred in her medicines.

Of the SPARROW-HAWK.

THe laſt *Hawk* which we ſhall treat of is the *Sparrow-hawk*; of which there are ſeveral kindes, and of different Plumes.

For the kindes, there is the *Sclavonian*, *Calabrian*, *Corſican*, *German*, *Vicentian*, and *Veronian*, *Alpiſan*, *Sabbean*, and *Bergamaſcan*, in the black Vale near the confines of *Valtolina*. It is needleſs to give you a particular account of them.

Their

Their Plumes are different: ſome are ſmall plumed and blank *Hawks*, others of a larger Feather, ſome plumed like the Quail, ſome brown or Canvas-mail'd, and others have juſt thirteen Feathers in their Train, *&c.*

To be ſhort, this Character I may juſtly give the *Sparrow-hawk* in general, that ſhe is in her kinde, and for that Game her ſtrength will give her leave to kill, a very good *Hawk*. Beſides, he that knows how to man, reclaim, and fly with a *Sparrow-hawk*, may eaſily know how to keep and deal with all other *Hawks*.

And herein lieth an excellency in the *Sparrow-hawk*, ſhe ſerves both for Winter and Summer with great pleaſure, and will fly at all kind of Game more than the Faulcon. If the Winter-*Sparrow-hawk* prove good, ſhe will kill the Pie, the Chough, the Jay, Woodcock, Thruſh, Black-bird, Felfare, with divers other Birds of the like nature.

How to make a Sparrow-hawk, *whether Eyeſs, Brancher, Soar, Mew'd, or Haggard.*

Sparrow-hawks are to be conſidered as all other kinds of *Hawks* are, according to their age and diſpoſition.

The ſeveral kinds of *Sparrow-hawks* may be comprehended under theſe five heads; the *Eyeſſes* or *Nyeſſes*, *Branchers*, *Soars*, *Mew'd*, and *Haggards*.

Eyeſſes, are mewed in the Wood, and are taken in the Eyrie.

Branchers, are thoſe which have forſaken the Eyrie, and are fed near it by the old ones on Boughs and Branches.

Soar-hawks, are ſo called, becauſe, having forſaken the

the Eyrie, and beginning to prey for themſelves, they ſoar up aloft for pleaſure.

Mew'd-hawks, are ſuch which have once or more ſhifted the Feather.

Laſtly, *Haggards*, are they which prey for themſelves, and do alſo mew in the Wood or at large.

This diviſion of kindes is not peculiar to the *Sparrow-hawk*, but common to all: give me leave to run them over in order as I have ſet them down.

For the *Eyeſs* or *Nyeſs*, (which is of greateſt difficulty to bring to any perfection) you muſt firſt feed her in ſome cool Room which hath two Windows, the one to the North, and the other to the Eaſt, which muſt be open, and barred over with Laths, not ſo wide for a *Hawk* to get out, or Vermin to come in: ſtrow the Chamber with freſh Leaves, and do in every reſpect to this Room as I have ordered in a former Chapter for the Mewing the Faulcon.

You muſt feed your *Eyeſs* with Sparrows, young Pigeons, and Sheeps-hearts. Whilſt ſhe is very young and little you ſhould cut her meat, or ſhred it into ſmall Pellets, and feed her twice or thrice a day, according as you finde her endew it or put it over.

When ſhe is full ſummed and flieth about, then give her whole ſmall Birds, and ſomtimes feed her on your Fiſt, ſuffering her to ſtrain and kill the Birds in your hand; and ſometimes put live Birds into the Chamber where ſhe is, that ſhe may learn to know to foot and to kill them; and let her feed upon them in your preſence: by this courſe you will not onely neul her, but take her off from that ſcurvy quality of hiding her Prey when ſhe hath ſeized it, a natural property belonging to all Eyeſſes. Likewiſe every morning go into the Room, call her to your Fiſt, whiſtle and uſe ſuch terms as you would have her hereafter acquainted with. When ſhe hath put forth all her Feathers and is full ſummed,

ſummed, then take her out of the Chamber, and furniſh her with Bells, Bewets, Jeſſes, and Lines.

It will be altogether requiſite to ſeel her at firſt, that ſhe may the better endure the Hood and handling: and let it be a Ruſter-hood that is large and eaſie, which you muſt pull off and put on frequently, ſtroaking her often on the head, till ſhe will ſtand gently.

In the Evening by Candle-light unſeel her, giving her ſomewhat to tire upon, handling and ſtroaking her Feathers gently, hooding and unhooding her as often as you think fit.

Before I proceed any farther, I ſhall inform you how to Seel a *Hawk* after the beſt manner. Take a Needle threaded with untwiſted Thread, and caſting your *Hawk*, take her by the Beak, and put the Needle through her Eye-lid, not right againſt the ſight of the Eye, but ſomewhat nearer the Beak, that ſhe may have liberty to ſee backward; and have eſpecial care that you hurt not the Web: then put your Needle through the other Eye-lid, drawing the ends of the Thread together, tie them over the Beak, not with a ſtraight knot, but cut off the Threads near to the end of the knot, and ſo twiſt them together, that the Eye-lids may be raiſed ſo upwards that the *Hawk* may not ſee at all, but as the Thread ſhall ſlacken, ſhe ſhall be able to ſee backwards onely, which is the cauſe that the Thread is put nearer the beak.

When your *Eyeſs* is well won to the Hood, and to the Fiſt, let her kill ſmall Birds thereon; then call her two or three days or longer, till ſhe will come far off; then take a live Pigeon tied by the Foot with a Creance, and ſtir it till your *Hawk* will bate at it and ſeize it, but not far off, that you may quickly help her at the firſt, leſt the Pigeon ſtruggling with her ſhe prove too ſtrong, and ſo diſcourage your young *Hawk*:

then

then let her plume and foot her, and feed her thereupon, whiſtling the while, that ſhe may know it another time: then hood her, and let her plume and tire a little.

You may uſe her to Trains of Chicken and Quail: and when ſhe will ſeize readily by often Training, ride out with her in the morning into the Fields, where calling your *Sparrow-hawk* to your Fiſt, and giving her a bit or two, go with your Spaniels to ſeek ſome Beavy of young Quails, advancing your Fiſt aloft, that your *Hawk* may ſee them when they ſpring, flying her at advantage: if ſhe kill, reward her, *&c.* if ſhe miſs, ſerve her with the Train of a Quail.

Let your Dogs hunt on your right hand when they range, but eſpecially when they queſt and call, to the end you may the better caſt off your *Hawk*. When your *Hawk* is throughly entred and well nouzled, you may then hold your hand low, for ſhe will now bate at the Whur: but whatſoever you do, have a quick eye and a good regard to the Spaniels, not coveting to be too near them, but a little above them, that you may let your *Hawk* fly coaſting at the advantage when the Game ſpringeth.

Of the Brancher, Soar, Mew'd, and Haggard Sparrow-hawk.

Having ſpoken of the firſt kind of *Sparrow-hawks*, *viz.* the *Eyeſs*, the other four in the Title of this Chapter muſt conſequently be diſcourſed of.

I ſhall give you but few inſtructions, for in effect the ſame precepts that ſerve for the *Eyeſs* will ſerve alſo for the *Brancher*, *Soar*, *Mew'd*, and *Haggard Hawks*; onely this, theſe four laſt require not ſo much pains to be taken to make them know their Game as the *Eyeſs*, becauſe

becauſe they have been accuſtomed to prey for themſelves.

Above all things the Faulconer muſt take them off from their ill cuſtome of carrying, and that may be done by ſerving them with great Trains, whereby they will learn to abide on the Quarry.

Be very mindful of coying them as much as you can, for they will remember a kindneſs or injury better than any other *Hawk*.

If the *Hawk* be newly taken, and will not feed, then rub her Feet with warm fleſh, whiſtling to her, and ſometimes putting the fleſh unto her Beak: if ſhe will not yet feed, rub her Feet with a live Bird; if at the crying of the Bird the *Hawk* ſeizeth it with her Feet, it is a ſigne ſhe will feed; then tear off the Skin and Feathers of the Bird's Breaſt, and put the Bird to her Beak, and ſhe will eat.

When ſhe will feed upon your whiſtle and chirp, then hood her with a Ruſter-hood, and feed her betimes in the morning; and when ſhe hath endewed, give her a Beaching in the day-time, and every time you hood her, give her a bit or two; at evening give her the Brains of a Hen for her ſupper: and in every thing elſe order theſe *Hawks* aforeſaid as you do the Faulcon and the reſt.

How to mew Sparrow-hawks.

Some uſe to put their *Sparrow-hawk* into the Mew as ſoon as they leave flying her, cutting off both her Bewets, Lines, and knots of her Jeſſes, and ſo leave them in the Mew till they are clean mewed.

If you will have your *Sparrow-hawk* to fly at Quail, Partridge, or Pheaſant-powt, then you muſt draw her in the beginning of *April*, and bear her on the Fiſt till ſhe be clean and throughly enſeamed.

Others

Others keep their *Sparrow-hawks* on the Pearch until *March*, and then throw them into the Mew, peppering them for Lice if they have any. Her Mew ſhould be a Chamber aloft from the ground, eight or nine foot long, and about ſix foot broad: her Windows and Pearches muſt be like the Goſhawks.

Her Mew being thus provided, in *May* go in to her in an Evening by Candle-light, and taking her up ſoftly, pull out all her Train-feathers one after another: this ſhall make her mew the faſter, eſpecially if you feed her with hot meat and Birds, obſerving a certain hour to feed her in.

Once in fourteen days ſet water before her in the Mew: if you perceive ſhe hath any Feathers or Down which ſtand ſtaring upon her Back, ſitting as if ſhe would rouze, then ſet her water ſooner. If you put water by her continually, it delays her Mewing; and to keep it always from her, cauſeth her to mew her Feathers uncleanly: but water once in a fortnight is the beſt Medium for her Mewing between thoſe two extremes.

Thus having given you a ſummary account of moſt *Hawks* commonly in uſe in *England* and in moſt parts of *Europe*, ſhewing their Shapes, Complexions, Natures, manner of Manning, Reclaiming, Ordering, Luring, Flying, Mewing, *&c.* I ſhall next give you an account of the ſeveral Diſeaſes and Maladies they are ſubject to, with their proper Cures and Remedies: but before I ſhall enter thereon, give me leave to inform the Oſtrager or Faulconer of his neceſſary duties.

The Duty of a Faulconer; with neceſſary Rules and Obſervations for him to follow.

A Faulconer ought to conſult and conſider the quality and mettle of his *Hawks*, and to know which of them he ſhall fly with early, and with which late.

He muſt be fond of his *Hawk*, patient, and cleanly in keeping her from Lice, Mites, and the like Vermin. He muſt rather keep his *Hawks* high and full of fleſh, than poor and low, which makes them more ſubject to infirmities than when they are in very good plight.

Every night after flying he muſt give his *Hawk* Caſting, ſometimes Plumage, ſometimes Pellets of Cotton, and ſometimes Phyſick, as he ſhall find her diſeaſed by her Caſting or Mewt.

Every night he muſt make the place very clean under her Pearch, that he may know by her Caſting whether the *Hawk* ſtands in need of Scourings upwards or downwards.

Let him remember every Evening to weather his *Hawk*, excepting ſuch days wherein ſhe hath bathed; after which in the evening ſhe ſhould be put into a warm Room on a Pearch with a Candle burning by her, where ſhe muſt ſit unhooded, if ſhe be not rammage, to the intent ſhe prune and pick her ſelf, and rejoyce by enoiling her ſelf after bathing: and in the morning he ought to weather her, and let her caſt, if ſhe hath not done it already, keeping her ſtill hooded till he carry her to the field.

In

In feeding his *Hawk* he muſt have a care of feeding her with two ſorts of meat at one time; and what he giveth her muſt be very ſweet.

If he have an occaſion to go abroad, let him have a care that he pearch not his *Hawk* too high from the ground, for fear of bating and hanging by the Heels, whereby ſhe may ſpoil her ſelf.

He ought to carry to the Field with him Mummy in powder with other Medicines; for frequently the *Hawk* meets with many accidents, as bruiſes at encounters, *&c.* neither muſt he forget to carry with him any of his neceſſary Hawking-implements.

Laſtly, he muſt be able to make his Lures, Hoods of all ſorts, Jeſſes, Bewets, and other needful Furniture for his *Hawk*: neither muſt he be without his Coping-Irons to cope his *Hawk*'s Beak, if it be overgrown, and to cope her Pounces and Talons, as need ſhall require: neither muſt he be without his Cauterizing-Irons.

Let theſe Inſtructions ſuffice, I being willing to leave the reſt to the care and obſervation of the ingenious Faulconer.

Of Diſeaſes *and dangerom* Accidents *incident to* HAWKS, *and their ſeveral* Cures.

IT is neceſſary for a skilful Faulconer not onely to know how to Man, Reclaim, Keep, Fly, Imp, and Mew his *Hawks*, with other things pertinent to that purpoſe; but alſo to know their Diſeaſes, with the proper Cures of them, and other Accidents frequently

befalling *Hawks*, both in their Flights and otherways.

Before we ſhall characterize their Maladies and preſcribe Rules for their Cures, it will not be irrequiſite to tell you that *Hawks*, as well as men, (which ſeems ſomewhat ſtrange) have four Complexions, the true indicators of their natures: and as in man his natural Complexion and Conſtitution is known by his Skin, ſo is the Temperament and natural Diſpoſition of a *Hawk* by her Coat and Plume. This opinion hath not been onely averr'd by the Ancients, but confirmed by the modern experience of the skilful in the noble Art of Hawking. Take it in this manner.

Faulcons that are *black* are *Melancholick*, and are to be phyſicked with hot and moiſt Medicines, becauſe their Complexion is cold and dry; for which purpoſe Aloes, Pepper, Cock's-fleſh, Pigeons, Sparrows, Goats-fleſh, and the like, are very good.

Falcons *blank* are *Phlegmatick*, and muſt have Phyſick hot and dry, becauſe Phlegme is cold and moiſt; to which purpoſe Cinamon, Cloves, Cardamomum, Goats-fleſh, Choughs, *&c.* are very good.

Faulcons *Ruſſet* are *Sanguine* and *Cholerick* indifferently mix'd, and their Phyſick muſt be cold, moderately moiſt and dry, as Myrtles, Caſſia fiſtula, Tamarinds, Vinegar, Lambs-fleſh, and Pullets.

Thus much for the Complexions: now for the Diſeaſes and their Cures.

Of Caſtings, *and* Mewtings, *either good or bad, according to their ſeveral Complexions and Smells.*

Caſtings are of two ſorts, *Plumage*, or *Cotton*: the latter is moſt commonly given in Pellets, which muſt be about the bigneſs of an Hazle-nut, made of fine ſoft white

white Cotton: after ſhe hath ſupp'd you muſt convey this into her Gorge.

In the morning diligently obſerve how ſhe hath rolled and caſt it, whereby you ſhall know whether ſhe be in a bad or good condition: for example, if ſhe caſt it round, white, not ſtinking, nor very moiſt or wateriſh, you may conclude her ſound; but if ſhe roll it not well, but caſt it long, with properties contrary to the former, then ſhe is unſound and full of Diſeaſes.

Beſides, if her Caſting be either black, green, yellowiſh, ſlimy, or ſtinking, it denotes your *Hawk* to be diſeaſed. The former Caſting is remedied by hot meats; the latter by feeding her well, and waſhing her meats in cool water, as of Endive, *&c.* and give her one or two Caſtings of Cotton, incorporating therewith Incenſe and Mummy. But if ſhe continue notwithſtanding in this condition, give her an upward Scowring made thus: Take Aloes pulverized one ſcruple, powder of Clove four grains, powder of Cubebs three grains; incorporate theſe and wrap them in Cotton, and give it your *Hawk* empty, having no meat in her Pannel.

Caſting of *Plumage* is to be obſerved as the former Caſting: that is, if in the morning you find them round and not ſtinking, it is a good ſigne; but if long, ſlimy, with indigeſted fleſh ſticking to the ſame, and having an ill ſcent, it is very bad. Here note, that by how much the more ſweet or ſtinking the Caſting is, by ſo much is the *Hawk* in a better or worſe condition.

Mewts muſt be obſerved as well as Caſtings, in this manner: If the Mewt be white, not very thick nor clear, having no black ſpot in it, or but very little, it is a ſigne of the healthy conſtitution of the *Hawk*; but if it be white and very thick in the middle, though it

doth not import ſickneſs, yet it ſheweth her to be too groſs and over-full of Greaſe; which you muſt remedy by giving her moiſt meats, as the Heart of a Calf or Lamb, *&c.* and for two mornings after give her ſome Sugar-candy, or elſe the Gut of a Chicken well waſht and fill'd with Oyl-Olive: either of theſe will ſcour her, and make her to ſliſe freely.

It is a very bad and mortal ſigne, to ſee your *Hawk*'s Mewt full of variety of colours: therefore you muſt ſpeedily prevent enſuing miſchiefs by giving her Mummy purified and beaten to powder, wrapping it in Cotton.

If the Mewt be more yellow than white, then doth ſhe abound with Choler proceeding from great Flights in hot weather, alſo from much Bating. This is remedied by waſhing her meat in Bugloſs, Endive, Borage, and ſuch-like cold Waters, wringing the ſaid meat after you have ſo waſhed it.

The *black* Mewt is a moſt deadly ſigne, and if it continue four days ſhe will peck over the Pearch and die. If ſhe mewt ſo but once, there is no great danger, for it proceeds either from the Bloud or Guts of the Fowl in tiring, or elſe from being gorged with filthy meats: in this caſe give her good warm meat and Cotton-caſting, with the powder of Cloves, Nutmeg, and Ginger, or Mummy alone.

If the Mewt be *green*, it is a bad ſigne, and denotes her troubled with an infected and corrupt Liver, or with ſome Apoſtume, unleſs ſhe be a Rammage-*Hawk*, and then that ſigne holds not good. Her cure is, by feeding her with meat powdered with Mummy; if ſhe will not take it with her Food, then give it her in a Scowring or Caſting: but if this ill-colour'd Mewting continue ſtill, then give her a Scowring of Agarick, and after that another of Incenſe pulverized to comfort her.

The

The dark *ſanguine* Mewt with a black in it is the moſt deadly ſigne of all, and differs but little, if any thing, from the former black Mewt. A *Hawk* mewting after this manner is irrecoverable, and therefore it is needleſs to preſcribe a Cure.

Laſtly, the *gray* Mewt like ſour Milk, is a mortal token, yet curable, as ſhall be ſhewn hereafter.

Thus you ſee how requiſite it is for a Faulconer to obſerve diligently every morning his *Hawk*'s Caſtings and Mewtings, that knowing thereby their Maladies, he may timely finde out their Remedies. Let us now proceed to their particular Diſeaſes.

Of the Cataract.

The *Cataract* in the Eyes of a *Hawk*, is a malady not eaſily removed, and ſometimes incurable, when it is too thick and of a long continuance.

It proceedeth from groſs Humours in the Head, which frequently do not onely dim, but extinguiſh the ſight: and ſometimes the Hood is the cauſe of this miſchief.

The cure muſt be effected by Scowring her two or three days with Aloes or Agarick: then take the powder of waſht Aloes finely beaten one ſcruple, and two ſcruples of Sugar-candy; mingle theſe together, and with a Quill blow it into your *Hawk*'s Eye afflicted as aforeſaid three or four times a day. This is the gentleſt and moſt Soveraign Medicine of any yet I have tried. But if this will not do, you muſt uſe ſtronger medicines, as the juice of Celandine-roots, bathing their Eyes often with warm Roſe-water wherein hath been boil'd the ſeeds of Fenugreek.

Of the Pantas *or* Aſthma.

The *Pantas* is a dangerous Diſtemper, and few *Hawks* eſcape which are afflicted therewith. It happens when the Lungs are as it were ſo baked by exceſſive heat, that the *Hawk* cannot draw her breath, and when drawn, cannot well emit it again. You may judge of the beginning of this Diſtemper by the *Hawk*'s labouring much in the Pannel, moving her Train often up and down at each motion of her Pannel; and ſhe cannot many times mewt or fliſe, or if ſhe do, ſhe drops it faſt by her. It is known likewiſe by your *Hawk*'s frequent opening her Clap and Beak.

The beſt Remedy is, to ſcour your *Hawk* with good Oyl-Olive well waſhed in ſeveral Waters till it become clear and white, which you muſt do after this manner: Take an earthen Pot with a ſmall hole in the bottom thereof, which you muſt ſtop with your Finger; then pour therein your Oyl with a quantity of Water, and coil theſe together with a Spoon till the Water grow darkiſh; after which remove your Finger, and the Water will run out, but the Oyl remain behind floating on the top; thus do ſeven or eight times, till you have throughly purified the Oil: Then take a Sheep's Gut above an Inch long for a Faulcon and Goſhawk, but of leſs length for leſſer *Hawks*, and fill it with this Oyl, and faſten it with Thread at both ends. Your *Hawk* having firſt caſt, convey this Gut into her Throat, holding her on the Fiſt till ſhe make a Mewt; an hour after ſhe hath done mewting feed her with a Calf's Heart or a Pullet's Leg, giving her every third or fourth day a Cotton caſting with Cubebs and Cloves. I ſhall onely adde one Receipt more for the *Pantas* or *Aſthma*, and that is the Oyl of ſweet Almonds poured into a waſht Chicken's Gut, and given the

the *Hawk*; which is of great efficacy in the cure of this Diſeaſe.

Of Worms.

There are a ſort of Worms an Inch long which frequently afflict *Hawks*, proceeding from groſs and viſcous Humours in the Bowels, occaſioned through want of natural heat and ill digeſtion.

You may know when ſhe is troubled with them by her caſting her Gorge, her ſtinking Breath, her trembling and writhing her Train, her croaking in the night, her offering with her Beak at her Breaſt or Pannel, and by her Mewt being ſmall and unclean.

You may cure her of them with a Scowring of waſht Aloes, Hepatick, Muſtard-ſeed, and Agarick, of each an equal quantity; or the powder of Harts-horn dried; or laſtly, a Scowring of white Dittander, Aloes, Hepatick waſht four or five times, Cubebs, and a little Saffron wrapt in ſome fleſh, to cauſe her to take it the better.

Of the Filanders.

There are ſeveral ſorts of *Filanders*, but I ſhall ſpeak but of one ſticking to the Reins. They are Worms as ſmall as a Thread, and about an Inch long, and lie wrapt up in a thin Skin or Net near the Reins of a *Hawk*, apart from either Gut or Gorge.

You ſhall know when your *Hawk* is troubled with them by her poverty, by ruffling her Train, by ſtraining the Fiſt or Pearch with her Pounces, and laſtly by croaking in the night when the Filanders prick her. You muſt remedy this Malady betimes, before theſe Worms have enlarged themſelves from their proper ſtation, roving elſewhere to your *Hawk*'s ruine and deſtruction.

You

You muſt not kill them as other Worms, for fear of Impoſtumes from their corruption, being incapable to paſs away with the *Hawk*'s Mewt; but onely ſtupifie them, that they may be offenſive but ſeldom: and that is done thus; Take a head of Garlick, taking away the outmoſt rinde; then with a Bodkin heated in the fire make holes in ſome Cloves, then ſteep them in Oyl three days, and after this give her one of the Cloves down her Throat, and for forty days after ſhe will not be troubled with the Filanders. Wherefore a Faulconer will ſhew himſelf prudent, if, ſeeing his *Hawk* low and poor, he give her once a month a Clove of this Garlick for prevention of the Filanders.

Another approved Medicine for Filanders or Worms in Hawks.

Take half a dozen cloves of Garlick, boil them in Milk until they are very tender, then take them out and dry the Milk out of them; then put them into a ſpoonful of the beſt Oyl of Olives you can get, and when ſhe hath caſt, in the morning give theſe to your *Hawk*, feed her not in two hours after, and be ſure it be warm meat, and not much, and keep her warm that day for fear of taking cold; give her the Oyl with the Garlick: they muſt ſteep all night.

Of Hawks Lice.

Theſe *Lice* do moſt infeſt the Head, the Ply of a *Hawk*'s Wings, and her Train. In the Winter you may kill them thus: Take two drams of Pepper beaten to powder, and mingle it with warm Water, and with this Lotion waſh the places infeſted with theſe Lice or Mites: then ſet your *Hawk* on a Pearch with her

her Back and Train againſt the Sun; then hold in your hand a ſmall Stick about a handful long, with a piece of ſoft Wax at the end of it, and with that (whilſt the *Hawk* is weathering her ſelf) take away thoſe Vermin crawling upon the Feathers. You may do well to adde to the Pepper and Water ſome Staves-acre.

In the Summer-time you may kill the Lice with *Auripigmentum* beaten to powder, and ſtrowed on the places where they lie.

A ſafe and eaſie way to kill Lice in Hawks.

Mail your *Hawk* in a piece of Cotton, if not in ſome Woollen Cloath, and put between the Head and her Hood a little Wooll or Cotton: then take a Pipe of Tobacco, and, putting the little end in at the Tream, blow the Smoak, and what Lice eſcape killing will creep into the Cloath. This is a certain way.

How to keep and maintain all manner of Hawks *in health, good plight, and liking.*

In the firſt place, never give them a great Gorge, eſpecially of groſs meats, as Beef, Pork, and ſuch as are hard to be endewed and put over.

Secondly, never feed them with the fleſh of any Beaſt that hath lately gone to Rut; for that will inſenſibly deſtroy them.

Thirdly, if you are conſtrained to give your *Hawk* groſs food, let it be well ſoaked firſt in clean Water, and afterwards ſufficiently wrung; in Summer with cold Water, in Winter with luke-warm Water.

Ever

Ever obſerve to reward your *Hawks* with ſome good live meat, or elſe they will be brought too low: however, the ſerving them with waſht meats is the way to keep them in health.

I ſhall conclude how to keep *Hawks* in perfect health with this moſt excellent Receipt. Take Germander, Pelamountain, Baſil, Grummel-ſeed, and Broom-flowers, of each half an ounce; Hyſſop, Saſſifras, Polypodium, and Horſe-mints, of each a quarter of an ounce, and the like of Nutmegs; Cubebs, Borage, Mummy, Mugwort, Sage, and the four kinds of Mirobolans, of each half an ounce; of Aloes Succotrine the fifth part of an ounce, and of Saffron one whole ounce. All theſe you muſt pulverize, and every eighth or twelfth day give your *Hawks* the quantity of a Bean thereof with their meat. If they will not take it ſo, put it into a Hen's Gut tied at both ends, and let him ſtand empty an hour after.

Of the Formica.

This is a Diſtemper which commonly ſeizeth on the Horn of *Hawks* Beaks, which will eat the Beak away. and this is occaſioned by a Worm, as moſt men are of opinion.

You may perceive it by this; the Beak will grow rugged, and it will begin to ſeparate from the Head.

To remedy this Malady, you muſt take the Gall of a Bull, and break it into a Diſh, and adde thereto the powder of Aloes Succotrine: mingle theſe well together, and anoint the Clap or Beak of your *Hawk* therewith, and the very place where the *Formica* grows, twice a day; but touch not her Eyes or Nares: continue thus doing till your *Hawk* be perfectly cured, and bathe her with Orpiment and Pepper to keep her from other Vermin.

Of

Of the Frownce.

The *Frownce* proceedeth from moiſt and cold Humours which deſcend from the *Hawk*'s Head to the Palate and root of the Tongue, by means whereof they looſe their appetite, and cannot cloſe their Clap. This by ſome is called the *Eagles-bane*; for ſhe ſeldom dieth of age, but of the over-growing of her Beak.

You may know if your *Hawk* be troubled with this Diſtemper by opening her Beak, and ſeeing whether her Tongue be ſwoln or no: if it be, ſhe hath it.

There are ſeveral ways to cure this Diſtemper, but the beſt that ever yet I could finde for it, is, onely to take the powder of Alume reduced to a Salve with ſtrong Wine-vinegar, and waſh the *Hawk*'s Mouth therewith.

To cure the dry Frownce.

Take a Quill and cut it in the ſhape of a Pen, and at the other end tie a fine little Rag; with one end ſcrape off the white Skin which you will ſee in in the Mouth or Throat of your *Hawk* until it bleedeth: then with the other end waſh it with the juice of Lemon or white-wine-Vinegar very clean; then take a little burnt Alume, and ſome of a Shoo-ſoal burnt upon Wood-coals and beaten to powder; mix them, and lay them on the place or places; but let your *Hawk* have no meat above, nor be ready to be fed: by this I have cured many.

Of the Pip.

The *Pip* frequently troubleth *Hawks*, at it doth Chickens, and proceedeth from cold and moiſtneſs of the

the Head, or from feeding on groſs meat not well waſht in warm Water in the Winter, and cold Water in the Summer.

The Symptoms of this Diſtemper are the *Hawk*'s frequent Sniting, and making a noiſe twice or thrice in her Sniting.

For the Cure hereof, you muſt caſt your *Hawk* gently, and look upon the tip of her Tongue, and if you finde the Pip there, you muſt ſcour her with a Pill made of Agarick and *Hiera picra* given two or three days together with her Caſting at night; this will cleanſe her Head, and the ſooner if ſhe be made to tire againſt the Sun in the Morning: Then bind a little Cotton to the end of a Stick, and dipping it in good Roſe-water waſh her Tongue therewith: after this anoint it three or four days with Oyl of ſweet Almonds and Oyl-olive well waſhed as aforeſaid. Having ſo done, you will finde the Pip all white and ſoft: then take an Awl, and with the point thereof lift up the Pip ſoftly, and remove it, as Women pip their Chickens, but remove it not till it be throughly ripe; and wet her Tongue and Palate twice or thrice a day with the aforeſaid Oyl, till ſhe be throughly cured.

How to remedy that Hawk *which Endeweth not, nor Putteth over as ſhe ſhould do.*

This happens either by being foul within, or by a Surfeit; or elſe when ſhe was low and poor her Keeper over-gorged her, by being too haſty to ſet her up, and ſhe being weak was not able to put over and endew, and ſurfeited thereupon.

The Cure whereof is this: You muſt feed her with light meats, and a little at once, as with young Rats and

and Mice, Chickens or Mutton dipt in Goats-milk or otherwiſe; or give her a quarter of a Gorge of the yolk of an Egg.

If you feed her with the fleſh of any living Fowl, firſt ſteep it well in the bloud of the ſame Fowl, ſo ſhall your *Hawk* mount her fleſh apace; if you alſo ſcour her with Pills made of Lard, Marrow of Beef, Sugar and Saffron mix'd together, and given her three mornings together, giving her alſo a reaſonable Gorge two hours after.

How to make a Hawk *feed eagerly that hath loſt her Appetite, without bringing her low.*

A *Hawk* may loſe her Appetite by taking too great Gorges in the Evening, which ſhe cannot well endew; or by being foul in the Pannel; or ſometimes by Colds.

To remedy which, take Aloes Succotrina, boil'd Sugar, and Beef marrow, of each alike, onely leſs of the Aloes; incorporate theſe, and make them into Balls or Pills as big as Beans, and give of them to your *Hawk*, and hold her in the Sun till ſhe hath caſt up the filth and ſlime within her; then feed her not till noon, at which time give her good meat; and three days after for the ſame Diſeaſe it is good tiring on Stock-doves, ſmall Birds, Rats or Mice.

How to raiſe a Hawk *that is low and poor.*

The Poverty of a *Hawk* happens ſeveral ways: either by the ignorance of the Faulconer of ſome latent lurking Diſtemper; or by her ſoaring away, and ſo being loſt four or five days, in which time, finding little or no Prey, ſhe becomes poor and lean.

To ſet her up you muſt feed her, a little at once, and often, with good meat and of light digeſtion, as ſmall Birds

Birds, Rats, Mice, *&c.* Or thus: take two ſpoonfuls of Honey, four of freſh Butter, and boil them together in a new earthen pot of Water; then take Pork well waſhed, and ſteep it in that Water, giving your *Hawk* a reaſonable Gorge thereof twice a day, warming the ſaid Water when you intend to feed your *Hawk*; and get ſome Snails that breed in running Waters, and give them her in the morning, and they will not onely ſcour away the groſs ſlimy humours which are within, but alſo nouriſh her exceedingly.

How to remedy a Hawk *that is ſlothful, and is averſe to flying.*

A *Hawk* frequently hath no minde to fly, either by reaſon of her ill keeping, that is, when ſhe is kept by thoſe who know not how to give her her Rights, as bouzing, bathing, *&c.* or becauſe the *Hawk* is too high and full of greaſe, or too poor and low: by the firſt ſhe becomes proud and coy, and by the latter ſo weak that ſhe wants ſtrength and ſpirit to perform it.

For the curing of which Diſtemper, ſhe ought to be throughly view'd by ſome skilful Faulconer, by whom ſuch Remedies ſhould be adminiſtred to her as are needful for her: but above all, there is nothing like giving her in a morning three or four Pills of Celandine well waſht.

Of Swoln Feet in a Hawk.

Hawks have Swelling in their Feet upon ſeveral accounts: ſometimes by chafing their Feet in flying their Prey, ſtriking it, and taking cold thereupon; ſometimes for want of rolling or lining the Pearch with ſome ſoft warm cloath; or elſe through groſs humours and foulneſs within, which through exerciſe drop down into their Feet, and ſo cauſe them to ſwell: laſtly, this Swelling

Swelling happens by pricks when they fly fiercely into Buſhes after Game.

For a Remedy, you muſt ſcour your Hawk three mornings together with the Pills of Lard, Marrow, Sugar and Saffron, and ſet her in the Sun: two days after this feed her with good meat: then take Bole-Armoniack, and half the quantity of *Sanguis Draconis*, and having made them into powder, temper them well together with the White of an Egg and Roſe-water, and anoint her Feet twice a day three or four days together, ſetting her on ſome Cloth to keep her Feet warm.

How to ſcour Hawks *before you caſt them into the Mew.*

When Mewing-time is come, you muſt ſcour and cleanſe your Hawks; for in luring and flying-time by foul feeding they ingender Filanders and other Diſtempers, whereof they die for want of timely care and cure.

When you ſet down your Hawk uſe the ſame as you finde Page 246. which will not onely kill the Worm, but ſcour a Hawk alſo.

The beſt way is, (when you mean to caſt a Hawk into the Mew) firſt to ſcour her well according to former directions, to cope her, and ſet her up well in fleſh, to diſcharge her as near as you can of all Diſeaſes, alſo to free her from Mites and Lice, to ſet her Water, ſometimes to feed her with young Rats, Mice, Dogs-fleſh, Pigeons, Rabbets, and now and then with ſome liquid thing and meats laxative.

Take notice of this ſpecial Obſervation: A Haggard is not to be caſt in looſe to the Mew, but is to be mewed on the Fiſt; for otherwiſe ſhe will become too coy and ſtrange: and if ſhe fall to bating

and beating her ſelf for heat, then muſt you hood her up, or beſpout her with cold water, which is the readieſt way to make her leave Bating.

You muſt continue her on the Fiſt till ſhe begin to ſhed her Feathers; then ſet her down, and tie her to a Stone or Pearch, as you do the reſt; and after ſhe hath mewed and comes to fly, then let her ſtand on a Block or Billet caſed or rolled. In the ſame manner mew Goſhawks, Tierces, and Sparrow-hawks; onely they will not be born on the Fiſt, but be at liberty in the Mew, and very cleanly ſerved.

Fifteen or twenty days before you draw your Hawk out of the Mew, you muſt begin to abate her of her diet, the ſooner and better to enſeam her. And forget not to feed her with waſhed meat, which will prevent many dangers that may follow.

Many more Diſeaſes there are incident, and Accidents happening to Hawks, of which with their Cures there are large diſcourſes written in Italian, French, and Engliſh, and therefore I thought fit to inſert in this place no other Maladies than what moſt uſually occur: if you deſire to be farther ſatisfied, I ſhall refer you to thoſe larger and (it may be) leſs uſeful Volumes.

An Abstract
Of such
STATUTE-LAWS
As concern
HAWKING.

STat. 11 H. 7. cap. 17. None shall take out of the Nest any Eggs of Faulcon, Gosshawk, Lanner, or Swan, in pain of a year and a days imprisonment, and to incur a Fine at the Kings pleasure, to be divided betwixt the King and the owner of the Ground where the Eggs shall be so taken.

II. None shall bare any Hawk of English breed called an Eyels, Gosshawk, Tassel, Lanner, Lanneret, or Faulcon, in pain to forfeit the same to the King.

III. He that brings an Eyels from beyond the Sea, shall have a Certificate under the Customers Seal where he lands, or if out of Scotland, then under the Seal of the Lord-Warden or his Lieutenant, testifying that she is a Forrein Hawk, upon the like pain of forfeiting the Hawk.

IV. None shall take or fear away any of the Hawks aboveſaid from their Coverts where they use to breed, in pain of 10 l. to be recovered before Justices of Peace, and divided betwixt the King and the Prosecutor.

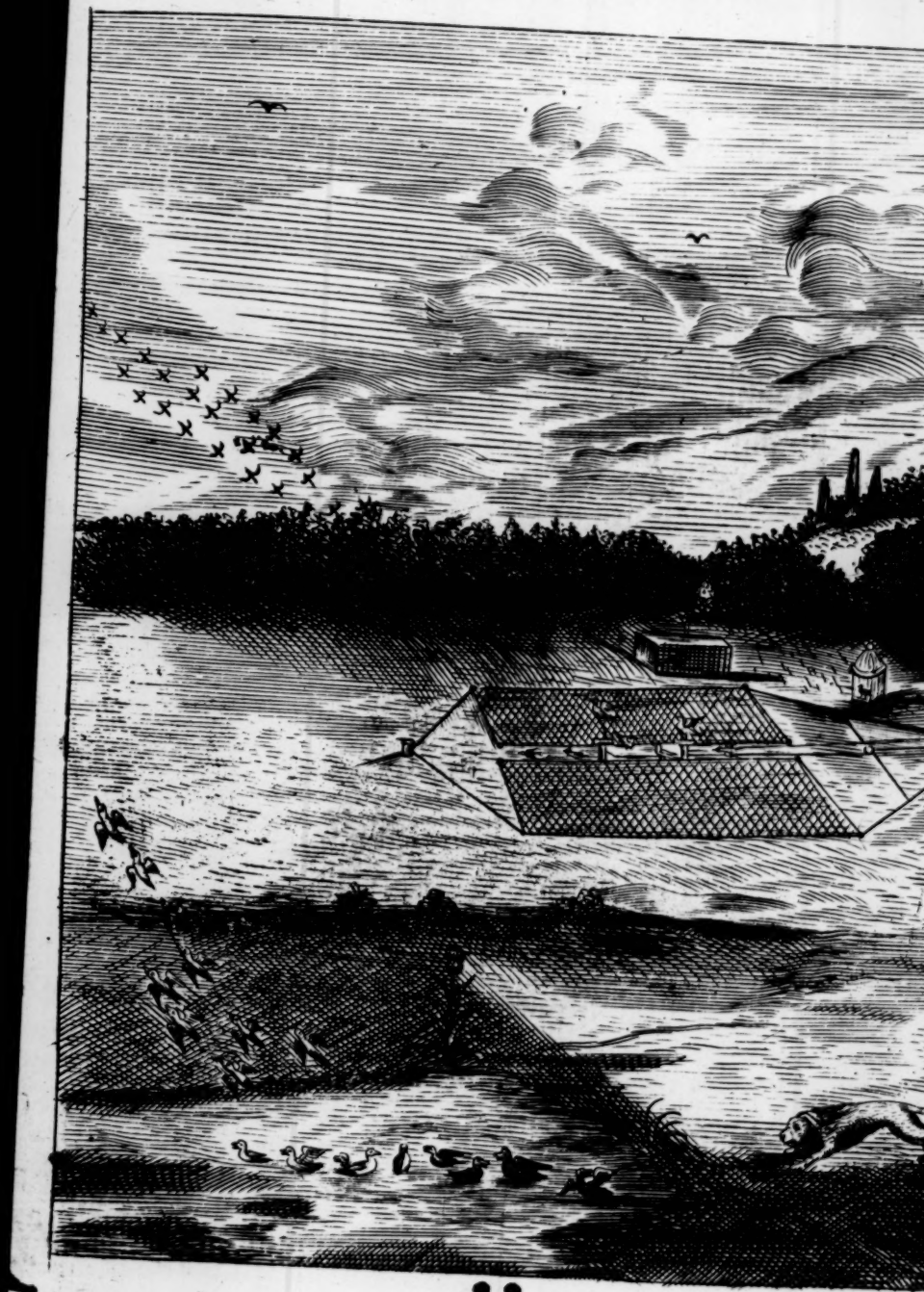
Stat. 34 Edw. 3. cap. 22. A Hawk taken up shall be delivered to the Sheriff, who after Proclamation made in the Market-towns of the County (if challenged) shall deliver her to the right owner.

II. If the Hawk were taken up by a mean man, and be not challenged within four Monethes, the Sheriff shall detain her, satisfying the party for taking her; but if by a man of Estate, who may conveniently keep an Hawk, the Sheriff shall restore her to him again, he answering for the charge of keeping her.

III. If any do take away or conceal a Hawk, he shall answer the value thereof to the owner, and suffer two years imprisonment; and in case he be not able to answer the value, he shall remain in Prison a longer time.

Stat. 37 Edw. 3. cap. 19. He that steals and carries away an Hawk, not observing the Ordinance of 34 Edw. 3. 22. shall be deemed a Felon.

FINIS.



THE GENTLEMAN'S Recreation:

Containing

DIRECT RULES

For the famous GAME of

FOWLING:

With Inſtructions for the taking of all manner of LAND and WATER-FOWL;

Whether by FOWLING-PIECE, NET, ENGINE, or otherways.

With a ſhort Account of

Singing-Birds.

To which is added

An Abſtract of all Statute or penal Laws relating to that curious Art.

The Third PART.

LONDON: Printed by J. C. for N. C.

OF FOWLING:

OR,

The compleat Art and Secrets of FOWLING, *either by Water or by Land, according to ancient and modern Experience.*

What Fowling *is; with the nature and diverſity of all manner of* Fowl.

FOWLING is uſed two manner of ways: either by Enchantment, or Enticement; by winning or wooing the Fowl unto you by Pipe, Whiſtle, or Call; or elſe by Engine, which unawares ſurprizeth them.

Fowl are of divers ſorts, which alter in their nature as their Feathers: but by reaſon of their multiplicity, I ſhall for brevity ſake diſtinguiſh them onely into two kindes, Land and Water-Fowl.

The Water-fowl are ſo called from the natural delight they ſtill take in and about the Water, gathering from thence all their food and nutriment.

Here note, that Water-fowl are in their own nature the ſubtileſt and wiſeſt of Birds, and moſt careful of their own ſafety: Hence they have been formerly compared to an orderly and well-governed Camp, having Scouts on Land afar off, Courts of Guards, Sentinels, and all ſorts of other watchful Officers ſurrounding the body, to give an alarm on any approach of ſeeming danger.

For in your obſervation you may take notice, that there will be ever ſome ſtraggling Fowl, which lie aloof from the greater number, which ſtill call firſt. Now it is the nature of Water-fowl to fly in great Flocks, having always a regard to the general ſafety; ſo that if you ſee a ſingle Fowl, or a couple fly together, you may imagine they have been ſomewhere affrighted from the reſt by ſome ſudden amazement or apprehenſion of danger: but ſo naturally are they inclined to ſociety, that they ſeldom leave wing till they meet together again. And this is occaſioned not onely by the neer approach of men, but alſo by the beating of Haggards on the Rivers, as alſo by the appearance of the very bold *Buzzard* and *Ring-tail*.

Of Water-fowl there are two ſorts; ſuch as live of the water, and ſuch as live on the water: the one taking their ſuſtenance from the water, without ſwimming thereon, but wading and diving for it with their long Legs: The other are Web-footed, and ſwim, as the *Swan*, *Gooſe*, *Mallard*, &c.

Of

Of the Haunts of Fowl.

THe thing of greateſt moment for the Fowler to underſtand, is the Haunts of Fowl. In order thereunto you are to underſtand, that all ſorts of greater Fowl, *viz.* thoſe who divide the foot, have their reſidence by the edge of Rivers that are ſhallow, Brooks, and Plaſhes of water: and theſe appear not in Flocks, but you ſhall ſee here one ſingle, there a couple, and the like; which makes them difficult to be taken by Engine or Device; but they are the beſt flights for *Hawks* that can be imagined.

Likewiſe theſe Fowl delight in low and boggy places; and the more ſedgie, mariſh and rotten ſuch grounds are, the fitter they are for the haunting of theſe Fowl.

They love alſo the dry parts of drowned Fens, which are overgrown with tall and long Ruſhes, Reeds, and Sedges.

Laſtly, they delight in half-drowned Moors, or the hollow vales of Downs, Heaths, or Plains, where there is ſhelter either of Hedges, Hills, Tufts of Buſhes or Trees, where they may lurk obſcurely.

Now the leſſer Fowl, which are Web-footed, haunt continually drowned Fens, where they may have continually plenty of water, and may ſwim undiſturbed by man or beaſt: Their Haunt is likewiſe in the main Streams of Rivers, where the Current is ſwifteſt and leaſt ſubject to freez; and the broader and deeper ſuch Rivers are, the greater delight theſe Fowl take therein, the *Wild gooſe* and *Barnacle* excepted, who abide no waters above their ſounding; for when they cannot reach the Ouze, they inſtantly remove thence, ſeeking out more ſhallow places.

Theſe two laſt named are infinitely delighted with green Winter-Corn, and therefore you ſhall ſee them evermore where ſuch Grain is ſown, eſpecially if the ends of the Lands have much water about them.

Likewiſe theſe ſmaller Fowl do very much frequent ſmall Brooks, Rivers, Ponds, drowned Meadows, Paſtures, Moors, Plaſhes, Meres, Loughs and Lakes, eſpecially if well ſtored with Iſlands unfrequented, and well furniſhed with Shrubs, Buſhes, Reeds, &c. and then they will breed there, and frequent ſuch places both Summer and Winter.

The readieſt way of taking great Fowl with NETS.

THe firſt thing your are to conſider, is the making of your Nets, which muſt be of the beſt Packthread, with great and large Meſhes, at leaſt two Inches from point to point: for the larger the Meſhes are, (ſo that the Fowl cannot creep through them) the better it is; for they more certainly intangle them.

Let not your Nets be above two fathom deep, and ſix in length, which is the greateſt proportion that a man is able to overthrow. Verge your Net on each ſide with very ſtrong Cord, and extend it at each end upon long Poles made for that purpoſe.

Having thus your Nets in readineſs, let the Fowler obſerve the Haunts of Fowl, that is to ſay, their Morning and Evening feedings, coming at leaſt two hours before thoſe ſeaſons; then ſpreading his Net ſmooth and flat upon the ground, ſtaking the two lower ends firm thereon, let the upper ends ſtand extended upon the long Cord, the farther end thereof being ſtaked faſt

faſt down to the Earth two or three fathom from the Net; and let the Stake which ſtaketh down the Cord ſtand in a direct and even line with the lower verge of the Net, the diſtance ſtill obſerved: then the other end of the Cord, which muſt be at leaſt ten or twelve fathom long, the Fowler ſhall hold in his hand at the uttermoſt diſtance aforeſaid, where he ſhall make ſome artificial ſhelter either of Graſs, Sods, Earth, or ſuch like matter, whereby he may lie out of the ſight of the Fowl.

Obſerve to let the Net lie ſo ready for the Game, that upon the leaſt pull it may riſe from the Earth and fly over.

Strew over all your Net, as it lies upon the ground, ſome Graſs, that you may hide it from the Fowl. It will not be amiſs (but altogether requiſite) to ſtake down near your Net a live *Hern*, or ſome other Fowl formerly taken, for a Stale. When you obſerve a competent number of Fowl come within the verge of your Net, then draw your Cord ſuddenly, and ſo caſt the Net over them: Continue thus doing till the Sun be near an hour high, and no longer, for then their feeding is over for that time; and ſo do at Evening from about Sun-ſet till Twi-light. By this means you may not onely take great quantities of larger Wild-fowl, but alſo *Plover*, which takes his food as much from Land as Water.

How to take ſmall Water-fowl with Nets.

LEt your Nets be made of the ſmalleſt and ſtrongeſt Packthread, and the Meſhes nothing near ſo big as thoſe for the greater Fowl, about two foot and a half or three foot deep; line theſe Nets on both ſides with falſe Nets, every Meſh being about a foot and

a half ſquare each way, that as the Fowl ſtriketh either through them or againſt them, ſo the ſmaller Net may paſs through the great Meſhes, and ſo ſtreighten and entangle the Fowl.

Theſe Nets you muſt pitch for the Evening-flight of Fowl before Sun-ſet, ſtaking them down on each ſide of the River about half a foot within the water, the lower ſide of the Net being ſo plumb'd that it may ſink ſo far and no farther: Let the upper ſide of the Net be placed ſlantwiſe, ſhoaling againſt the Water, yet not touching the Water by near two foot; and let the Strings which ſupport this upper ſide of the Net be faſtned to ſmall yielding Sticks prickt in the Bank, which as the Fowl ſtrikes may give liberty to the Net to run and entangle them. Thus place ſeveral of theſe Nets over divers parts of the River, about twelve-ſcore one from another, or as the River or Brook ſhall give leave; and be confident, if any Fowl come on the River that night, you ſhall have your ſhare.

And that you may the ſooner obtain your deſire, take your Gun and go to all the Fens and Plaſhes that are a good diſtance from your Nets, and fire it three or four times; which will ſo affright the Fowl, that they will inſtantly poſt to the Rivers; then plant your Nets upon theſe Fens and Plaſhes.

In the Morning go firſt to the River and ſee what Fowl are there ſurpriſed; and having taken them up with your Nets, if you eſpy any Fowl on the River, diſcharge your Gun, which will make them fly to the Fens and Plaſhes, and then go and ſee what you have taken: Thus you ſhall be ſure to be furniſhed with ſome, though there be never ſo few abroad.

How to take all manner of ſmall Birds with Bird-Lime.

IN cold weather, that is to ſay, in Froſt or Snow, all ſorts of ſmall Birds do congregate in Flocks, as *Larks*, *Chaffinches*, *Lennets*, *Gold-finches*, *Yellowhammers*, *Buntings*, *Sparrows*, &c. all theſe but the *Lark* do perch on Trees or Buſhes, as well as feed on the ground: if you perceive they reſort about your Houſe or Fields adjacent, then uſe your Bird-lime that is well prepared, and not over-old; order it after this manner: Take an Earthen diſh and put the Bird-lime into it, and adde thereunto ſome freſh Lard, or *Capons*-greaſe, putting an ounce of either to a quarter of a pound of Bird-lime: then ſetting it over the fire, let it melt gently together; but let it not boil by any means, for if you do, you will take away the ſtrength of the Bird-lime, and ſo ſpoil it. Having thus prepared it, get a quantity of Wheat-ears, as many as you think you ſhall conveniently uſe, and cut the Straw about a foot long beſides the Ears; then from the bottom of the Ears to the middle of the Straw lime it about ſix Inches: the Lime muſt be warm when you lime the ſtraw, that ſo it may run thin upon the Straw, and therefore the leſs diſcernable, and conſequently not ſuſpected by the Birds.

Having thus got your Lim'd Straws in this manner ready, go into the field adjacent to your houſe, and carry a bag of Chaff and threſht Ears, and ſcatter theſe together twenty yards wide, (it is beſt in a Snow) then take the lim'd Ears & ſtick them up and down with the ears leaning, or at the end touching the ground; then retire from the place, and traverſe the grounds all round about; the Birds hereupon being diſturbed in their other haunts fly hither, and pecking at the ears of Corn, finding that they ſtick unto them, they ſtraightways mount up from

from the Earth, and in their flight the Bird-limb'd ſtraws lap under their Wings, and falling are not able to diſengage themſelves from the Straw, and ſo are certainly taken.

By the way take this Caution; do not go and take up five or ſix you ſee entangled, for that may hinder you it may be from taking three or four dozen at one time. If they be *Larks* that fall where your Bird-lim'd Straws do lie, go not a neer them till they ſpontaneouſly riſe of themſelves; and flying in great Flocks, I can aſſure you I have caught five dozen at one liſt.

You may lay ſome nearer home to take *Finches*, *Sparrows*, *Yellowhammers*, &c. who reſort neer to Houſes, and frequent Barn-doors, where you may eaſily take them after the ſame manner as aforeſaid. The taking of *Sparrows* is a very great benefit to the Huſbandman, for they are his and the Farmer's principal Enemies, of all ſmall Birds; inſomuch as I dare aſſure them, that every dozen of *Sparrows* taken by them in the Winter, ſhall ſave them a Quarter of Wheat before Harveſt be ended. In the taking of them, you may ſtick the top of your Houſe if thatcht; and though you never have the Birds, yet the deſtruction of them will be a great advantage. Before a Barn-door if you lay your Twigs, or Limed ſtraws, you may there take them, with abundance of other ſmall Birds. The *Sparrow* is excellent food, and a great reſtorer of decayed Nature. You may alſo take them at Rooſt in the Eaves of Thatcht houſes, by coming in the night with a Clap-net; and rubbing the Net againſt the hole where they are flying out, you clap the Net together, and ſo take them: the darkeſt night with a Lanthorn and Candle is the chiefeſt time to take them.

Having performed your Morning Birding-Recreation, go bait the ſame place where you were before, and bait it with freſh Chaff and Ears of Corn, and let

let them reſt till next Morning; then take ſome freſh Wheat-ears again, and ſtick them as aforeſaid: and when you bait in the Afternoon, take away all your Limed ears, that ſo the Birds may feed boldly, and not be frighted or diſturbed againſt next Morning.

How to take great Fowl with LIME-TWIGS.

YOu muſt ſupply your ſelf with good ſtore of Rods, which are long, ſmall, and ſtraight-grown Twigs, being light, and apt to play to and fro.

Lime the upper part of theſe Twigs, holding the Bird-lime before the fire, ſo that it may melt, for the better beſmearing them.

Having firſt well acquainted your ſelf where theſe Fowl do frequent Morning and Evening, you muſt then obſerve before Sun-ſet for the Eveng-flight, and before day for the Morning, that you plant your Lime-twigs where theſe Fowl haunt, pinning down for a Stale one of the ſame Fowl alive (which you have formerly taken for that purpoſe) which you intend to catch with your Bird-lime. Round about the Stale (giving the Fowl liberty to flutter to and fro) prick your Twigs in rows a foot diſtant one from the other, till you have covered all the place ſo haunted, that there ſhall be no room left, but that they muſt certainly fall foul with the Lime-twigs.

Prick the Rods ſloaping with their heads bending into the Wind about a foot or ſomewhat more above ground: If you pleaſe (and I think it the beſt way) you may croſs-prick your Rods, that is, one point into the Wind, and another againſt the Wind; by which means

means you may take the Fowl which way ſoever they come.

Place alſo a Stale ſome diſtance from your Lime-twigs, and faſten ſmall ſtrings to it, which upon the ſight of any Fowl you muſt pull, then will your Stale flutter, which will allure them down.

If you ſee any taken, do not run inſtantly and take them up if you ſee any Fowl in the Air; for by their fluttering others will be induced to ſwoop in among them. It will not be amiſs to have a well-taught Spaniel with you for the retaking of ſuch Fowl (as it is common) which will flutter away with the Lime-twigs about them.

If you intend to uſe theſe Twigs for ſmaller Wild-fowl, and ſuch as frequent the water onely, then muſt you fit them in length according to the depth of the River; and your Lime muſt be very ſtrong Water-lime, ſuch as no wet or froſt can injure. Prick theſe Rods in the water, as you did the others on the Land, as much of the Rod as is limed being above water; and here and there among your Rods you muſt ſtake down a live Stale, as a *Mallard*, a *Widgeon* or *Teal*: and thus you may do in any ſhallow Plaſh or Fen.

You need not wait continually on your Rods, but come thrice a day, and ſee what is taken, *viz.* early in the Morning, at high Noon, and late in the Evening; but come not unattended with your Water-ſpaniel: for if you perceive any of your Rods miſſing, you may conclude ſome Fowl are faſtned to them which are crept into ſome Hole, buſh, or Sedge by the River-ſide, and then will your Dog be very neceſſary for the diſcovery.

Do not beat one Haunt too much, but when you finde their number fail, remove and finde out another, and in three weeks time your firſt will be as good as ever.

Of

Of the great and leſſer SPRINGES.

HAving noted the Morning and Evening feeding of divided-footed-Fowl, obſerving the Furrows and Water-tracts where they uſually ſtalk and paddle to finde Worms, Flote graſs-roots, and the like, you muſt mark where many Furrows meet in one, and break out as it were into one narrow paſſage, which ſo deſcending afterwards divides it ſelf into other parts and branches; then mark how every Furrow breaketh and cometh into this Center or little Pit, which is moſt paddled with the Fowl, or which is eaſieſt for Fowl to wade in: This being done, take ſmall and ſhort Sticks, and prick them croſs-wiſe athwart over all the other paſſages, one Stick within half an Inch of the other, making as it were a kinde of Fence to guard every way but one which you would have the Fowl to paſs: if they ſtand but ſomewhat more than a handful above the Water, ſuch is the nature of the Fowl, that they will not preſs over them, but ſtray about till that they finde the open way.

Having thus hemmed in all ways but one, take a ſtiff Stick cut flat on the one ſide, and prick both ends down into the Water, and make the upper part of the flat ſide of the Stick to touch the water, and no more: then make a Bow of ſmall Hazel or Willow made in the faſhion of a Pear, broad and round at one end, and narrow at the other, at leaſt a foot long, and five or ſix Inches broad, and at the narrow end make a ſmall nick: then take a good ſtiff-grown Plant of Hazel, clean without knot, three or four Inches about at the bottom, and an Inch at the top, and

and having made the bottom-end ſharp, at the top you muſt faſten a very ſtrong Loop of about an hundred Horſe-hairs plaited very faſt together with ſtrong Packthread, and made ſo ſmooth that it will run and ſlip at pleaſure: let the Loop be of the juſt quantity of the Hoop, made Pear-wiſe as aforeſaid: then hard by this Loop you muſt faſten a little broad thin Tricker within an Inch and half of the end of the Plant, which muſt be made equally ſharp at both ends: thruſt the bigger ſharp end of the Plant into the ground cloſe by the edge of the water, the ſmaller end with the Hoop and the Tricker muſt be brought down to the firſt Bridge, and then the Hoop made Pear-wiſe being laid on the Bridge, one end of the Tricker muſt be ſet upon the nick of the Hoop, and the other end againſt a nick made on the ſmall end of the Plant, which by the violence and bend of the Plant ſhall make them ſtick and hold together until the Hoop be moved. This done, lay the Swickle on the Hoop in ſuch faſhon as the Hoop is proportioned; then from each ſide of the Hoop prick little Sticks, making an impaled path to the Hoop; and as you go farther and farther from the Hoop or Springe, ſo make the way wider and wider, that the Fowl may enter a good way before it ſhall perceive the Fence. By this means the Fowl will be enticed to wade up to the Springe, which ſhall be no ſooner toucht, but that part of the Bird ſo touching will be inſtantly enſnared: And thus according to the ſtrength of the Plant you ſhall take any Fowl of what bigneſs ſoever.

The Springe for leſſer Fowl, as *Woodcock*, *Snipe*, *Plover*, &c. is made after the faſhion aforeſaid, onely differing in ſtrength according unto the bigneſs of the Birds you intend to catch.

The main Plant or Sweeper you may make of Willow, Oſier, or any ſtick that will bend and return to its proper ſtraightneſs. This

This device is for the Winter onely, when much wet is on the ground, and not when the Furrows are dry. Now if the waters be frozen, you muſt make plaſhes; and the harder the Froſt, the greater reſort will there be of theſe ſmaller Fowl.

Of the FOWLING-PIECE *and the* STALKING-HORSE.

THat is ever eſteemed the beſt Fowling-piece which hath the longeſt Barrel, being five ſoot and a half or ſix foot long, with an indifferent bore, under Harquebuſe.

In ſhooting obſerve always to ſhoot with the wind, if poſſible, and not againſt it; and rather ſide-ways, or behinde the Fowl, than full in their faces.

Next, obſerve to chuſe the moſt convenient ſhelter you can finde, as either Hedge, Bank, Tree, or any thing elſe which may abſcond you from the view of the Fowl.

Be ſure to have your Dog at your heels under good command, not daring to ſtir till you bid him, having firſt diſcharged your Piece: for ſome ill-taught Dogs will upon the ſnap of the Cock preſently ruſh out, and ſpoil all the ſport.

Now if you have not ſhelter enough, by reaſon of the nakedneſs of the Banks and want of Trees, you muſt creep upon your hands and knees under the Banks, and lying even flat upon your Belly, put the noſe of your Piece over the Bank, and ſo take your level; for a Fowl is ſo fearful of Man, that though an Hawk were ſoaring over her head, yet at the ſight of a man ſhe would betake herſelf to her wing, and run the riſque of that danger.

But

But ſometime it ſo happeneth that the Fowl are ſo ſhie, there is no getting a ſhoot at them without a Stalking-horſe, which muſt be ſome old Jade trained up for that purpoſe, who will gently, and as you will have him, walk up and down in the Water which way you pleaſe, flodding and eating on the Graſs that grows therein.

You muſt ſhelter your ſelf and Gun behinde his fore-ſhoulder, bending your body down low by his ſide, and keeping his body ſtill full between you and the Fowl: being within ſhot, take your level from before the fore-part of the Horſe, ſhooting as it were between the Horſe's Neck and the water; which is much better than ſhooting under his Belly, being more ſecure, and leſs perceiveable.

Now to ſupply the want of a Stalking-horſe, which will take up a great deal of time to inſtruct and make fit for this exerciſe, you may make one of any pieces of old Canvas, which you muſt ſhape into the form of an Horſe, with the Head bending downwards as if he grazed. You may ſtuff it with any light matter; and do not forget to paint it of the colour of an Horſe, of which the brown is the beſt; and in the midſt let it be fix'd to a Staff with a ſharp Iron at the end, to ſtick into the ground as you ſhall ſee occaſion, ſtanding faſt whilſt you take your level.

It muſt be made ſo portable, that you may bear it with eaſe in one hand, moving it ſo as it may ſeem to graze as you go. Let the ſtature of your artificial Stalking-horſe be neither too low nor too high; for the one will not abſcond your body, and the other will be apt to frighten the Fowl.

Inſtead of this Stalking-horſe, you may faſhion out of Canvas painted an Ox or Cow: and this change is neceſſary, when you have ſo beaten the Fowl with your Stalking-horſe, that they begin to finde your deceit,

ceit, and will no longer endure it, (as it frequently falls out.) Then you may ſtalk with an Ox or Cow, till the Stalking-horſe be forgotten, and by this means make your ſport laſting and continual.

Some there are that ſtalk with Stags or Red-Deer form'd out of painted Canvas, with the natural Horns of Stags fixt thereon, and the colour ſo lively painted, that the Fowl cannot diſcern the fallacy; and theſe are very uſeful in low Fenny grounds, where any ſuch Deer do uſually feed; and are more familiar with the Fowl, and ſo feed nearer them than Ox, Horſe, or Cow: by which means you ſhall come within a far nearer diſtance.

There are other dead Engines to ſtalk withal, as an artificial Tree, Shrub, or Buſh, which may be made of ſmall Wands, and with painted Canvas made into the ſhape of a Willow, Poplar, or ſuch Trees as grow by Rivers and Water ſides; for theſe are the beſt.

If you ſtalk with a Shrub or Buſh, let them not be ſo tall as your Tree, but much thicker; which you may make either of one entire Buſh, or of divers Buſhes interwoven one with another, either with ſmall Withy-wands, Cord, or Packthread, that may not be diſcerned: and let not your Buſh exceed the height of a man, but be thicker than four or five, with a Spike at the bottom to ſtick into the ground whilſt you take your level.

How to take all manner of Land-fowl by day or night.

SInce the diſſolution and ſpoil of Paradiſe, no man hath either ſeen, or can give the names of all Land-fowl whatever, there being ſuch great variety, every Country producing ſome particular ſorts which are unknown to other Nations.

To avoid prolixity, I ſhall rank them under two heads.

The firſt are ſuch who are either fit for Food or Pleaſure, either for eating or ſinging: for eating, *Pigeons* of all ſorts, *Rook*, *Pheaſant*, *Partridge*, *Quails*, *Rails*, *Felfares*, &c. and for eating or ſinging, the *Blackbird*, *Throſtle*, *Nightingale*, *Linnet*, *Lark*, and *Bullfinch*.

Secondly, ſuch as are for Pleaſure onely, and they are all manner of birds of Prey, as *Caſtrels*, *Ring-tails*, *Buzzards*, &c.

The general way of taking theſe Land fowl of ſeveral ſorts together, is either by day or by night. If by day, it is done with the great Net, commonly called the *Crow-net*, and not at all differs in length, depth, bigneſs of Meſh, manner of laying, *&c.* from the *Plover-net*; onely it will not be amiſs if the Cords be longer.

This Net you may lay before Barn-doors, or where Corn hath been winnowed, alſo in Stubble-fields, ſo concealing the Net that the Fowl may not diſcern the Snare. When you perceive a quantity within the Net ſcraping for food, and you lie concealed afar off, with your Cord in your hand ſuddenly pull the Net over upon them.

You may do well to take notice of their Morning and Evening Haunts to worm and feed upon the Greenſwarth; and here lay your Net, and it will prove as effectual as in other places, ſo that you obſerve to abſcond your ſelf in ſome Covert ſo as not to be deſcried: in the next place, pull not too haſtily, but wait for a good number of Fowl within the Net, and then pull freely and quickly; for the leaſt deliberation after the Net is raiſed, is the ruine of your deſigne.

Thus much for Day-fowling with the Net: now if you will proſecute your Sport by Night, you muſt do it

it according to the nature and manner of the Country, or ſituation or faſhion of the ground, whether Woody, Mountainous, or Champain.

In plain and Champain Countries you muſt uſe the *Low-bell*, from the end of *October* until the end of *March*; and this method you muſt follow.

The day being ſhut in, the Air milde without Moonſhine, take a *Low-bell*, (which muſt have a deep and hollow ſound, for if it be ſhrill it is ſtark naught) and with it a Net whoſe Meſh is twenty yards deep, and ſo broad, that it may cover five or ſix Lands or more, according to the company you have to carry it. With theſe Inſtruments go into any Stubble Corn-field, but Wheat is the beſt. He that carries the Bell muſt go foremoſt, toling the Bell as he goes very mournfully, letting it but now & then knock on both ſides: after him muſt follow the Net, born up at each corner and on each ſide by ſeveral perſons; then another muſt carry ſome Iron or Stony Veſſel which may contain burning, but not blazing Coals, and at theſe you muſt light bundles of Straw: or you may carry Links with you. And having pitcht your Nets where you think the Game lies, beat the ground and make a noiſe, and as the Fowl riſe they will be entangled in the Net. Thus you may take good ſtore of *Partridge*, *Rails*, *Larks*, *Quails*, &c.

Having ſo done, extinguiſh your Lights, and proceed laying your Net in ſome other place as before mentioned.

Here note, that the ſound of the *Low-bell* makes the Birds lie cloſe, ſo as they dare not ſtir whilſt you are pitching the Net, for the ſound thereof is dreadful to them; but the ſight of the Fire much more terrible, which makes them inſtantly to fly up, and ſo they become entangled in the Net.

Furthermore, if you intend to have the full fruition of your Sport, you muſt be very ſilent, and nothing

muſt be heard but the ſound of the *Low-bell* till the Net is placed and the Lights blazing; but as ſoon as they are extinguiſh'd, a general ſilence muſt be again.

The Trammel is much like this Net for the *Low-bell*, and may be neceſſarily uſed on the ſame grounds; onely it ought to be longer, though not much broader.

When you come to a place fit for your purpoſe where Birds lodge on the Earth, you ſhall then ſpread your Trammel on the ground; and let the fartheſt end thereof, being plumbed with Lead, lie looſe on the ground; but let the foremoſt ends be born up by two men, and ſo trail the Net along, keeping the foremoſt ends a yard or more diſtance from the ground.

On each ſide of the Net carry Wiſps of Straw lighted, or Links, and let ſome beat the ground with long Poles; and as the Birds riſe under the Nets, take them. And thus you may continue doing as long as you pleaſe, to your great profit and pleaſure.

of BAT-FOWLING.

BAT-FOWLING is the taking of all manner of Birds, great and ſmall, by night, which rooſt in Buſhes, Shrubs, Hawthorn-trees, *&c.*

The manner is: you muſt be very ſilent till your Lights are blazing, and you may either carry Nets or none: if none, you muſt then have long Poles with great buſhy tops fixt to them; and having from a *Creſſet* or veſſel to carry fire in lighted your Straw, or other blazing combuſtible matter, then muſt you beat thoſe Buſhes where you think Birds are at Rooſt; which done, if

if there be any in thoſe Buſhes or Trees, you will inſtantly ſee them fly about the Flames: for it is their nature, through their amazedneſs at the ſtrangeneſs of the Light, and extream darkneſs round about it, not to depart from it, but they will even ſcorch their Wings in the ſame, ſo that thoſe who have the buſhy Poles may beat them down as they pleaſe, and take them up. Thus you may continue your ſport as long as it is very dark, and no longer.

Of the DAY-NET, *and how to take Birds therewith.*

THe *Day-Net* is generally uſed for the taking of *Larks*, *Buntings*, *Merlins*, *Hobbies*, or any Birds which play in the Air, and will ſtoop either to Stale, Prey, Gig, Glaſs, or the like.

The ſeaſon for theſe Nets is from *Auguſt* to *November*: the time you muſt plant theſe Nets muſt be before Sun-riſing. Where note, the milder the Air, the brighter the Sun, and the pleaſanter the Morning is, the better will your Sport be, and of longer continuance.

Let the place you elect for this purpoſe be plain and Champain, either on Barley-ſtubbles, green Lays, or level and flat Meadows; and theſe places muſt be remote from any Villages, but near adjacent to Corn-fields.

The faſhion of a Day-net is this: you muſt make them of fine Packthread, the Meſh ſmall, and not above half an Inch ſquare each way; let the length be about three fathom, the breadth one fathom and no more: the ſhape is like the Crow-net, and it muſt be verg'd about in the ſame manner with a ſtrong ſmall Cord, and the two ends extended upon two ſmall

long Poles ſuitable to the breadth of the Net, with four Stakes, Tail-ſtrings, and Drawing-lines, as afore mentioned: onely whereas that was but one ſingle Net, here muſt be two of one length, breadth and faſhion. Theſe Nets muſt be laid oppoſite to each other, yet ſo cloſe and even together, that when they are drawn and pull'd over, the ſides and edges may meet and touch one the other.

Theſe Nets being ſtaked down with ſtrong Stakes very ſtifly on their Lines, ſo as with any nimble twitch you may caſt them to and fro at your pleaſure; you ſhall then to the upper ends of the foremoſt Staves faſten your Hand-lines or drawing Cords, which muſt be at the leaſt a dozen, a fathom long; and ſo extend them of ſuch a reaſonable ſtreightneſs, as with little ſtrength they may raiſe up the Nets and caſt them over.

When your Nets are laid, ſome twenty or thirty paces beyond them place your Stales, Decoys, or playing Wantons, upon ſome pearching Boughs, which will not onely entice Birds of their own Feather to ſtoop, but alſo *Hawks* and Birds of Prey to ſwoop into your Nets.

Remember to keep the firſt half dozen you take alive for Stales, and to that end have a Cage or Linnen-bag to put them in: The reſt ſqueez in the hinder part of the Head, and ſo kill them. And thus do every day.

Of taking ſmall Birds, which uſe Hedges and Buſhes, with Lime-twigs.

THe great Lime-buſh is beſt for this uſe, which you muſt make after this manner: Cut down the main Arm or chief Bough of any buſhy Tree, whoſe branches

Branches or Twigs are long, thick, ſmooth and ſtraight, without either pricks or knots; of which the Willow or Birch-tree are the beſt: when you have pickt it and trimm'd it from all ſuperfluity, making the Twigs neat and clean; take then of the beſt Bird-lime, well mixed and wrought together with Gooſe-greace or Capon's-greace, which being warmed, lime every Twig therewith within four fingers of the bottom. The body, from whence the branches have their riſe, muſt be untouch'd with Lime.

Be ſure you do not dawb your Twigs with too much Lime, for that will give diſtaſte to the birds; yet let none want its proportion, or have any part left bare which ought to be toucht: for, as too much will deter them from coming, ſo too little will not hold them when they are there.

Having ſo done, place your Buſh on ſome Quick-ſet or dead Hedge neer unto Towns-ends, back-yards, old houſes, or the like; for theſe are the reſort of ſmall Birds in the Spring-time: in the Summer and Harveſt in Groves, Buſhes, White-thorn-trees, Quick-ſet-hedges neer Corn-fields, Fruit-trees, Flax and Hemp-lands; and in the Winter about Houſes, Hovels, Barns, Stacks, or thoſe places where ſtand Ricks of Corn, or ſcattered Chaff, *&c.*

As neer as you can to any of theſe Haunts plant your Lime-buſh, and plant your ſelf alſo at a convenient diſtance undiſcovered, imitating with your Mouth the ſeveral Notes of Birds, which you muſt learn by frequent practice, walking the Fields for that very purpoſe often, obſerving the variety of ſeveral birds ſounds, eſpecially ſuch as they call one another by. I have known ſome ſo expert herein, that they could imitate the Notes of twenty ſeveral ſorts of birds at leaſt, by which they have caught ten birds to another's one that was ignorant therein.

But if you cannot attain to it by your induſtry, you muſt then buy a *Bird-call*, of which there are ſeveral ſorts, and eaſie to be framed, ſome of Wood, ſome of Horn, ſome of Cane, and the like.

Having firſt learned how to uſe this Call, you ſhall ſit and call the Birds unto you; and as any of them light on your Buſh, ſtep not to them till you ſee them ſufficiently entangled: neither is it requiſite to run for every ſingle Bird, but let them alone till more come, for their fluttering is as good as a Stale to entice more.

This Exerciſe you may uſe from Sun-riſing till ten a clock in the Morning, and from one till almoſt Sun-ſet.

You may take theſe ſmall Birds with Lime-twigs onely, without the Buſh. When I was a boy, I have taken two or three hundred ſmall Twigs about the bigneſs of Ruſhes, and about three Inches long, and have gone with them into a field where were Hemp-cocks,; upon the tops of half a ſcore, lying all round together, I have ſtuck my Twigs, and then have gone and beat that field, or the next to it, where I ſaw any Birds; and commonly in ſuch fields there are infinite numbers of *Linnets* and *Green-birds* which are great lovers of Hemp-ſeed. I ſay, they fly in ſuch vaſt flocks, I have caught at one fall of them upon the Cocks eight dozen at a time.

But to return, there is a pretty way of taking Birds with Lime-twigs, by placing near them a Stale or two made of living *Night-bats*, placing them aloft, that they may be viſible to the Birds thereabouts; which will no ſooner be perceived, but every bird will come and gaze, wondering at the ſtrangeneſs of the ſight: then they having no other convenient lighting-place but where the Lime-twigsare,you may take what number you liſt of them.

But the *Owl* is a far better Stale than the *Bat*, being bigger

bigger, and more eaſily to be perceived; beſides, he is never ſeen abroad, but he is followed and perſecuted by all the birds near adjacent.

If you have not a living *Bat* or *Owl*, their Skins will ſerve as well being ſtuffed, and will laſt you twenty years. There are ſome have uſed an *Owl* cut in Wood, and naturally painted, with wonderful ſucceſs.

It is ſtrange to me that this bird above all others ſhould be ſo perſecuted by all birds whatſoever, eſpecially by the *Gooſe*; and therefore ſome arch Cracks in *Lincoln-ſhire* and other places where are great quantities of *Geeſe*, obſerving their tempers, have made great advantage of them; for by onely throwing a live *Owl* among a flock of *Geeſe*, they got as many Quills as they knew what to do with; for the *Geeſe* endeavouring to beat the *Owl* with their Wings, never left till they did beat the Quills out of their Wings, and commonly the beſt, which are Seconds.

How to make the beſt ſort of Bird-lime, and how to uſe it.

TAke at Midſummer the bark of Holly, and pill it from the Tree, ſo much as will fill a reaſonable big Veſſel; then put to it running water, and ſet it over the fire, and boil it till the grey and white bark riſe from the green, which will take up ſixteen hours in the boiling: then take it from the fire, and ſeparate the barks after the water is very well drain'd away: then take all the green bark, and lay it on the ground in a cloſe place and moiſt floor, and cover it over with all manner of green Weeds, as Hemlock, Docks, Thiſtles, and the like; thus let it lie ten or twelve daies, in which time it will rot, & turn to a filthy ſlimy matter:

then

Then take it and put it into a Mortar, and there beat it till it become univerſally thick and tough, without the diſcerning of any part of the Bark or other ſubſtance; then take it out of the Mortar, and carry it to a running Stream, and there waſh it exceedingly, not leaving any mote or foulneſs within it; then put it up in a very cloſe Earthen Pot, and let it ſtand and purge for divers days together, ſcumming it as often as any foulneſs ariſes for four or five daies: when you perceive no more Scum, you ſhall then take it out of that Pot, and put it into another clean Earthen Veſſel, cover it cloſe, and keep it for your uſe.

When you are about to uſe your Lime, take what quantity you think fit and put it into a Pipkin, adding thereto a third part of Gooſe-greaſe or Capons-greaſe finely clarified, and ſet them over a gentle fire, and there let them melt together, and ſtir them continually till they are well incorporated: then take it from the fire, and ſtir it till it be cold.

When your Lime is cold, take your Rods and warm them a little over the fire; then take your Lime and wind it about the tops of your Rods, then draw your Rods aſunder one from the other and cloſe them again, continually plying and working them together, till by ſmearing one upon another you have equally beſtowed on each Rod a ſufficient proportion of Lime.

If you lime any Strings, do it when the Lime is very hot and at the thinneſt, beſmearing the Strings on all ſides, by folding them together and unfolding them again.

If you lime Straws, it muſt be done likewiſe when the Lime is very hot, doing a great quantity together, as many as you can well graſp in your hand, toſſing and working them before the fire till they are all beſmear'd, every Straw having his due proportion of Lime: having ſo done, put them up in caſes of Leather till you have occaſion to uſe them. Now

Now to prevent the freezing of your Lime either as it is on Twigs, Buſhes, or Straws, you muſt adde a quarter as much of the Oil called *Petroleum* as of your Capons-greaſe, mix them well together, and then work it on your Rods, *&c.* and ſo it will ever keep ſupple, tough and gentle, and will not be prejudiced ſhould it freeze never ſo hard.

The beſt and moſt Experienced way of making Water-Bird-lime.

BUy what quantity you think fit of the ſtrongeſt Bird-lime you can procure, and waſh it as long in a clear Spring-water till you finde it very pliable, and the hardneſs thereof removed; then beat out the water extraordinary well, till you cannot perceive a drop to appear, then dry it well; after this put it into a Pot made of Earth, and mingle therewith Capons-greaſe unſalted, ſo much as will make it run; then adde thereto two ſpoonfuls of ſtrong Vinegar, a ſpoonful of the beſt Sallet-Oil, and a ſmall quantity of *Venice*-Turpentine: This is the allowance of theſe ingredients, which muſt be added to every pound of ſtrong Bird-lime as aforeſaid. Having thus mingled them, boil them all gently together over a ſmall fire, ſtirring it continually; then take it from the fire and let it cool: when at any time you have occaſion to uſe it, warm it, and then anoint your Twigs or Straws, or any other ſmall things, and no Water will take away the ſtrength thereof. This ſort of Bird-lime is the beſt, eſpecially for *Snipes* and *Felfares*.

In what manner a man may take Snipes *with this* Bird-lime.

TAke what number you ſhall think moſt expedient for your purpoſe, of Birch-twigs, and lime fifty or ſixty of them very well together. After this, go and ſeek out thoſe places where *Snipes* do uſually frequent, which you may know by their Dung.

In very hard froſty or ſnowy Weather, where the Water lies open, they will lie very thick: Having obſerved the place where they moſt feed, ſet two hundred of your Twigs, more or leſs as you pleaſe, at a yard diſtance one from the other, and let them ſtand ſloaping ſome one way and ſome another; then retire a convenient diſtance from the place, and you ſhall finde there ſhall not one *Snipe* in ten miſs your Twigs, by reaſon they ſpread their Wings, and fetch a round cloſe to the ground before they light. When you ſee any taken, ſtir not at firſt, for he will feed with the Twigs under his Wings; and as others come over the place, he will be a means to entice them down to him. When you ſee the Coaſt clear, and but few that are not taken, you may then take up your birds, faſtning one or two of them, that the other flying over may light at the ſame place. If there be any other open place neer to that where your Twigs are planted, you muſt beat them up: The reaſon why they delight to haunt open places, and where Springs do gently run, is becauſe they cannot feed, by reaſon of their Bills, in places that are hard and ſtony; and about theſe Plaſhes in ſnowy Weather they very much reſort.

The manner of taking Felfares *by Water-bird-lime.*

ABout *Michaelmas*, or when the cold weather begins to come in, take your Gun and kill ſome *Felfares*; then take a couple of them, or one may ſerve, and faſten them to the top of a Tree, in ſuch manner that they may ſeem to be alive: having ſo done, prepare two or three hundred Twigs, take a great Birchen-bough, and therein place your Twigs, having firſt cut off all the ſmall Twigs; then ſet a *Felfare* upon the top of the bough, making of him faſt, and let this bough be planted where the *Falfares* do reſort in a Morning to feed; for they keep a conſtant place to feed in, till there is no more food left. By this means others flying but neer, will quickly eſpie the top-bird, and fall in whole flocks to him. I have ſeen at one fall three dozen taken.

How to take Pigeons *with Lime-twigs.*

PIgeons are great devourers and deſtroyers of Corn; wherefore when you finde any ground much frequented by them, get a couple of *Pigeons*, either dead or alive, if dead; put them in ſuch a ſtiff poſture as if they were living and feeding; then at Sun-riſing take a quantity of Twigs, as many as you think fit, let them be ſmall, (but I judge Wheaten-ſtraws are better for this purpoſe) and lay them up and down where your *Pigeons* are placed, and you ſhall finde ſuch ſport at every fall that is made, that you may quickly be rid of them without offending the Statute:

if

If there come good flights, you may eaſily take four or five dozen of them in a Morning.

How to take Mag-pies, Crows, *and* Gleads *with Lime-twigs.*

WHen you have found any Carrion on which *Crows*, *Pies*, *Kites*, &c. are preying upon, over night ſet your Lime-twigs every where about the Carrion; but let them be ſmall, and not ſet too thick; if otherwiſe, being ſubtile Birds, they will ſuſpect ſome danger or miſchief deſigned againſt them. When you perceive one to be faſt, advance not to him preſently; for moſt commonly when they are ſurely caught, they are not ſenſible thereof.

You may take them another way, and that is by joyning to a Packthread ſeveral Nooſes of Hair up and down the Packthread, and peg it down about a yard from the Carrion: for many times when they have gotten a piece of Fleſh, they will be apt to run away to feed by themſelves; and if your Nooſes be thick, it is two to one but ſome of the Nooſes catch him by the Legs.

How to take Rooks *when they pull up the Corn by the Roots.*

TAke ſome thick Brown-Paper, and divide a ſheet into eight parts, and make them up like Sugar-loaves; then lime the inſide of the Paper a very little; (let them be limed three or four daies before you ſet them) then put ſome Corn in them, and lay threeſcore or more of them up and down the ground; lay them as near as you can under ſome clod of Earth, and

and early in the Morning before they come to feed; and then ſtand at a diſtance, and you will ſee moſt excellent ſport; for as ſoon as *Rooks*, *Crows*, or *Pigeons* come to peck out any of the Corn, it will hang upon his head, and he will immediately fly bolt upright ſo high, that he ſhall ſoar almoſt out of ſight; and when he is ſpent, come tumbling down as if he had been ſhot in the Air. You may take them at Ploughing time when the *Rooks* and *Crows* follow the Plough; but then you muſt put in Worms and Maggots of the largeſt ſize.

How to take Birds with BAITS, *either Land or Water-fowl.*

IF you have a deſire to take *Houſe-doves*, *Stock-doves*, *Rooks*, *Choughs*, or any other like Birds, then take Wheat, Barley, Fetches, Tares, or other Grain, and boil them very well with good ſtore of *Nux vomica* in ordinary running water: when they are almoſt boil'd, dry and ready to burſt, take them off the fire, and ſet them by till they be throughly cold. Having ſo done, ſcatter this Grain in the Haunts of thoſe Birds you have a minde to take; and as ſoon as they have taſted hereof, they will fall down into a dead ſwound, and ſhall not be able to recover themſelves in a good while.

And as you take theſe great Land-fowl with this drunken device, ſo you may take the middle and ſmaller ſort of Birds, if you obſerve to boil with what food they delight in a quantity of this *Nux vomica*.

Some inſtead of *Nux vomica* uſe the Lees of Wine, the ſharper and quicker they are the better, boiling their Grains in theſe Lees, alſo Seeds or any other food, and ſtrewing them in the Haunts of thoſe Birds you

you would ſurprize. Theſe do as effectually as *Nux vomica*; and it's the cleanlier and neater way, there being not that poiſonous quality in them.

You may chuſe whether you will boil your Grain or Seed in the aforeſaid Lees; for they will be every whit as effectual if onely ſteeped a conſiderable while therein, giving them leave to drink in the Lees till they are ready to burſt before you uſe them.

Others, having neither *Nux vomica* nor Wine-lees, take the juice of Hemlock, and ſteep their Grains therein, adding thereto ſome Henbane-ſeed or Poppy-ſeed, cauſing them to be infuſed therein four or five daies; then draining the Grain or Seed from the Liquor, ſtrew them as aforeſaid. The Birds having taſted hereof are immediately taken with a dizzineſs, which will continue ſome hours, ſo that they cannot fly; but they will recover again if you kill them not. If you intend them for food, let them be firſt recovered.

Thus much for the Land; now let us ſpeak of the Water-fowl.

The ready way by Bait to take ſuch Fowl as receive part of their food by land and part by water, as *Wilde-geeſe*, *Barnacle*, *Grey-plover*, *Mallard*, *Curlew*, *Shoveler*, *Bitter*, *Buſtard*, with many more, I ſay, the beſt way my experience hath found out is, to take Bellenge-leaves, Roots and all, and having cleanſed them very well, put them into a Veſſel of clear running Water, and there let them lie in ſteep twenty four hours; then never ſhift them from the Water, but boil them together till the Water be almoſt conſumed: then take it off, and ſet it a cooling. Then take a quantity hereof, and go to the Haunts of any of the aforeſaid Fowl, and there ſpread of this Bait in ſundry and divers places; and thoſe that ſhall taſte hereof will be taken with the like drunken dizzineſs as the former. To make this Confection the more effectual, it will be requi-

requiſite to adde a quantity of Brimſtone thereunto in its boiling.

How to recover Fowl thus entranced.

If you would reſtore any of theſe entranced Fowl to their former health, take a little quantity of Sallet-oil, according to the ſtrength and bigneſs of the Fowl, and drop it down the Throat of the Fowl; then chafe the head with a little ſtrong White-wine-vinegar, and the Fowl will preſently recover, and be as well as ever.

And thus much for taking Fowl of all ſorts by Baits.

A moſt excellent and approved way how to take the HERN.

A *Hern* is as great a devourer of Fiſh as any is; nay ſome dare affirm, ten times as much as an *Otter*, and ſhall do more miſchief in one Week than an *Otter* ſhall do in three moneths: for I have been told by one that hath ſeen a *Hern* that hath been ſhot at a Pond to have had ſeventeen *Carps* at once in his Belly, which he will digeſt in ſix or ſeven hours, and then betake himſelf to fiſhing again. I have been informed by another, that he ſaw a *Carp* taken out of an *Hern*'s Belly which was nine Inches and an half long.

Several Gentlemen that have kept *Herns* tame, have put fiſh in a Tub, and tried the *Hern* how many ſmall *Roaches* and *Dace* he would eat in a day, and they have found him to eat about fifty in a day one day with another.

One *Hern* that haunts a Pond, in a Twelve-

moneths time, ſhall deſtroy a thouſand Store-*Carps*; and when Gentlemen ſue their Ponds, they think their Neighbours have robbed them, not in the leaſt conſidering an *Hern* is able to devour them in half a years time, if he put in half as many more.

Now ſince this ravenous Fowl is ſo deſtructive to Ponds and fiſh of the River, it will be very neceſſary to finde out a way to deſtroy that that deſtroys ſo many; which may be done in this manner.

Having found out his haunt, get three or four ſmall *Roaches* or *Dace*; and have a ſtrong Hook with Wyre to it, draw the Wyre juſt within the skin of the ſaid Fiſh, beginning without ſide of the Gills, running of it to the Tail, and then the Fiſh will live five or ſix daies. Now if the Fiſh be dead, the *Hern* will not meddle with him. Let not your Hook be too rank; then having a ſtrong Line with Silk and Wyre about two yards and a half long, (if you twiſt not Wyre with your Silk, the ſharpneſs of his Bill will bite it in two immediately) and tie a round Stone about a pound-weight to the Line, and lay three or four Hooks, and in two or three nights you ſhall not fail to have him if he comes to your Pond. Lay not your Hooks in the water ſo deep that the *Hern* cannot wade unto them. Colour your Line of a dark green, for an *Hern* is a ſubtile bird. There are ſeveral other Fowl devourers of Fiſh, as *Kings-fiſher*, *More-hens*, *Balcoots*, *Cormorant*, &c. but none like the *Hern* for Ponds and ſmall Rivers.

How to take PHEASANTS *ſeveral ways.*

THe taking of *Pheaſants* is to be performed three ſeveral ways, by Nets, by Lime-buſh, or elſe by other particular Engines, which ſhall be diſcours'd of hereafter.

The taking of *Pheaſants* with Nets, is done either generally, or particularly: generally, when the whole Eye of *Pheaſants* is taken, that is, the old Cock and old Hen with all their Powts, as they run together in the obſcure Woods; or particularly, when you take none but the old *Pheaſants*, or the young, being of an age fit to couple or pair.

For the greater facility of taking *Pheaſants*, you muſt firſt underſtand their Haunts, which are never in open Fields, but in thick young Copſes well grown, and not in old high Woods.

Having thus found out their Coverts, which muſt be ſolitary and untraced by Men or Cattle, the next thing will be how to finde out the Eye or Brood of *Pheaſants*.

The firſt way, is by going into theſe young Copſes, and carefully viewing the ſame, ſearching every where; and by that means at laſt finding where they run together, as Chickens after a Hen. Or, ſecondly, you muſt riſe early in a Morning, or come late in the Evening; and obſerve how and when the old Cock and Hen call their young ones to them, and how the young ones anſwer back unto them again; and ſo from that ſound direct your Path as near as you can to the place where they are, lying there down ſo cloſe you may not

be diſcerned; by which means you will know where they meet, and how accordingly you may pitch your Nets.

But the moſt certain way of finding them out, is to have a natural *Pheaſant* call, which you muſt learn how to uſe, underſtanding all their Notes, and how to apply them: For they have ſeveral Notes, and all different; one to cluck them together when the Hen would brood them, another to chide them when they ſtraggle too far, a third to call them to meat when ſhe hath found it, a fourth to make them look out for food themſelves, and a fifth to call them about her to ſport withal. You muſt uſe your Call in the morning early, at which time they ſtraggle abroad to finde Provender; or elſe in the Evening juſt about Sun-ſetting, which is their time likewiſe for feeding.

Now although theſe are the beſt times to uſe your Call, yet you may call them at any other time of the day, onely altering your Note. Juſt at, or before Sun-riſing, your Note muſt be to call them to feed, and ſo at Sun ſet: but in the Forenoon and Afternoon your Notes muſt be to cluck them together to brood, or to chide them for ſtraggling, or to give them notice of ſome approaching danger.

Knowing your Notes, and how to apply them, with the places where *Pheaſants* haunt, which you ſhall know by the ſtrength of the under-growth, obſcureneſs, darkneſs, and ſolitarineſs of the place, you muſt then lodge your ſelf as cloſe as poſſible, and then call at firſt very ſoftly, leſt the *Pheaſants* being lodg'd very near you, ſhould be affrighted at a loud Note; but if nothing reply, raiſe your Note higher and higher, till you extend it to the utmoſt compaſs: and if there be a *Pheaſant* within hearing, ſhe will anſwer in a Note as loud as your own, provided it be not untunable, for that will ſpoil all.

As

As ſoon as you hear this anſwer, if it be from afar, and from one ſingle Fowl, creep nearer and nearer unto it, ſtill calling, but not ſo loud; and as you approach nearer to it, ſo will the *Pheaſant* to you; and as you alter your Note, ſo will ſhe: and in all points you muſt endeavour to imitate her, and in fine you will get ſight of her, either on the Ground or Pearch: Then ceaſe your calling, and ſpread your Net between the *Pheaſant* and your ſelf, in the moſt convenient place you can finde, with all ſecrecy and ſilence, making one end of the Net faſt to the ground, and holding the other end by a long Line in your hand; by which, when any thing ſtraineth it, you may pull the Net cloſe together: which done, call again, and as ſoon as you perceive the *Pheaſant* come underneath your Net, then riſe up and ſhew your ſelf, that by giving the *Pheaſant* an affright he may offer to mount, and ſo be entangled within the Net.

Now if it ſo fall out that you hear many anſwers, and from divers corners of the Wood, then ſtir not at all, but keep your place; and as you hear them by their ſounds to come nearer and nearer unto you, ſo ſhall you in the mean time prepare your Nets ready, and ſpread them conveniently about you, one pair of Nets on the one ſide, and another on the other ſide; then lie cloſe, and apply your ſelf to the Call till ſuch time as you have allured them under your Nets; then ſtand up and ſhew your ſelf, which will affright them and make them mount, whereby they will be entangled.

The faſhion of Pheaſant-*nets.*

You muſt make theſe Nets of double-twined brown Thread dyed blue or green; let the Meſh be reaſo-

nably large and ſquare, almoſt an Inch between Knot and Knot; let the length of it be about three fathom, and the breadth about ſeven foot, and verge it on each ſide with ſtrong ſmall Cord, and let the ends be alſo ſo, that it may lie compaſs-wiſe and hollow.

Some make theſe Nets of a much larger ſize; but then they are too cumberſome, and hardly to be ruled with one hand: but the others are readier to pitch, and better to take, alſo more nimble for any purpoſe you ſhall employ them to.

Of Driving of Pheaſant-powts.

The driving and taking young *Pheaſants* in Nets is done after this manner. Having either by your eye or Call found out an Eye of *Pheaſants*, you muſt then (taking the wind with you, for they will naturally run down the wind) place your Nets croſs the little Pads and ways which you ſee they have made, (for they will make little Paths like Sheep-tracks) and as near as you can, come to ſome ſpecial Haunts of theirs, which you ſhall know by the bareneſs of the ground, Mutings, and looſe Feathers which you ſhall finde there: and theſe Nets muſt be placed hollow, looſe, and circular-wiſe, the nether part thereof being faſtned to the ground, and the upper ſide lying hollow, looſe and bending, ſo that when any thing ruſheth into it, it may fall and entangle it: which done, you muſt go before where you found the Haunt, and there with your Call (if you finde the Eye is ſcattered and ſeparated one from the other) you muſt call them together.

Then take your Inſtrument called a *Driver*, which is made of ſtrong white Wands or Oſiers ſet faſt in a handle, and in two or three places twiſted about and bound with other Wands, bearing the ſhape of thoſe things

things Cloath-dreſſers uſually dreſs their Cloath withal: ſtay, with this Driver you muſt make a gentle noiſe, raking upon the Boughs and Buſhes round about you; which as ſoon as Powts do hear, they will inſtantly run from it a little way, and then ſtand and liſten, keeping all cloſe together: then give another rake, at which they will run again as before: And by thus raking you will drive them like ſo many Sheep before you which way or whither you pleaſe, and conſequently at laſt into your Nets.

In uſing your Driver there are two things to be obſerved. The firſt is Secrecy, in concealing your ſelf from the ſight of the *Pheaſants*; for if they chance to ſee you, they will inſtantly hide themſelves in Holes and bottoms of Buſhes, and will not ſtir from thence by any means whatever as long as any day endureth.

The other thing to be obſerved, is Time and Leiſure in the work; for there is nothing obſtructs this Paſtime more than too much haſte: For they are very fearful Creatures, and are ſoon ſtartled; and when once alarm'd, their fears will not ſuffer them to argue or diſpute with the affrighting object; but the very firſt apprehenſion is ſufficient to make them all fly at an inſtant, without ſtaying to behold what they are ſo much affraid of.

Of taking Pheaſants *with a Lime-buſh.*

Having obſerved their Haunts as aforeſaid, take a Buſh, or ſingle Rods, and trim them with the beſt and ſtrongeſt Lime that can be got: let your Rods be twelve Inches; your Lime-buſh muſt not contain above eight Twigs, being the Top-branch of ſome Willow-tree, with an indifferent long Handle, made ſharp

either to ſtick into the ground, or into Shrubs and Buſhes. You may plant your Buſh neer that Branch of ſome little Tree which the *Pheaſant* uſually pearcheth on.

When you have placed your Buſh or Rods, take out your Call, but remove not from your place, lying cloſe without diſcovery. If your Call be good, and you have skill to uſe it, you will quickly have all the *Pheaſants* within hearing about you; and if one happen to be entangled, ſhe will go near to entangle all the reſt, either by her extraordinary fluttering, or their own amazement and confuſion. And as they are taken by the Rods on the ground, ſo you will ſurprize them with your Buſhes; for being ſcared from below, they will mount to the Pearch or Buſhes, to ſee what becomes of their fellows, and be there taken themſelves.

Here note, that it is very requiſite to count all your Rods, and when you have gathered up your *Pheaſants*, ſee what Rods you have miſſing, and then conclude from the miſs of them that ſome *Pheaſants* are run with them into the Buſhes; and therefore it will be neceſſary to have a Spaniel which will fetch and carry, and one that will not break nor bruiſe either Fleſh or Feather.

The ſeaſons for the uſe of Nets or Lime.

The Lime is onely for the Winter-ſeaſon, beginning from *November*, when the Trees have ſhed their Leaves, (and then Lime-buſhes and Branches of Trees are alike naked and of the ſame complexion) and ending at *May*, at which time the Trees begin to be furniſhed with Leaves.

The true uſe of the Nets is from the beginning of *May* till the latter end of *October*.

So

So that there is no time of the year but their Breeding-time, which may not be exerciſed in this pleaſure; whence what profit may ariſe, I ſhall leave to the judgment of thoſe who keep good houſes, and ſuch as have good Stomacks.

How to take PARTRIDGES *ſeveral ways, either by Net, Engine, Driving, or Setting.*

Partridges are naturally cowardly, fearful, ſimple, and fooliſh, and therefore moſt eaſily to be deceived or beguiled with any Train, Bait, Engine, or other Device whatever, whether by Enticement, Call, or Stale.

It will be neceſſary in the firſt place to conſider their Haunts, which are not (like the *Pheaſants*) certain, but various; any covert will ſerve their turn, and ſometimes none at all.

The places they moſt delight in are the Corn-fields, eſpecially whilſt the Corn grows; for under that covert they ſhelter, ingender and breed. Neither are theſe places unfrequented by them when the Corn is cut down, by reaſon of the Grain they finde therein, eſpecially in Wheat-ſtubble; and the height thereof they delight in, being to them as a covert or a ſhelter. Now when the Wheat-ſtubble is much troden by Men or Beaſts, then they betake themſelves to the Barley-ſtubble, provided it be freſh and untroden; and they will in the Furrows amongſt the Clots, Brambles, and long Graſs, hide both themſelves and Covies, which are ſometimes twenty in number,

number, ſometimes five and twenty: nay I have heard of thirty in a Covie.

Now after the Winter-ſeaſon is come, and that theſe Stubble-fields are plough'd up, or over-ſoiled with Cattle, then do theſe *Partridges* reſort into the up-land Meadows, and do lodge in the dead Graſs or Fog under Hedges, amongſt Mole-hills, or under the Roots of Trees: Sometimes they reſort to Copſes and Underwoods, eſpecially if any Corn-fields are near adjacent, or where grows Broom, Brakes, Fern, or any Covert whatſoever.

In the Harveſt-time, when every field is full of men and Cattle, then you ſhall finde them in the day-time in the Fallow-fields which are next adjoyning to the Corn-fields, where they lie lurking till the Evening, and then they feed among the Shocks or Sheaves of Corn; and ſo they do likewiſe early in the Morning.

When you know their Haunts according to the ſcituation of the Country and ſeaſon of the year, your next care muſt be to finde them out in their Haunts; which is done ſeveral ways. Some do it by the Eye onely; and this art can never be taught, but learned by frequent experience, diſtinguiſhing thereby the colour of the *Partridge* from that of the Earth, and how and in what manner they lodge and couch together: for which purpoſe you may come near enough to them, for they are a very lazy Bird, and ſo unwilling to take the Wing, that you may even ſet your foot upon them before they will ſtir, provided you do not ſtand and gaze on them, but be in continual motion; otherwiſe they will ſpring up and be gone.

There is another way to diſcover them, and that is by going to their Haunts very early in the Morning, or at the cloſe of the evening, which is called the *Jucking-time*, and there liſtening for the calling of the Cock-

Cock-*Partridge*, which will be very loud and earneſt; and after ſome few Calls the Hen will anſwer, and by this means they meet together; which you ſhall know by their rejoycing and chattering one with another: upon the hearing of which, take your range about them, drawing nearer and nearer to the place you heard them jack in; then caſt your eye towards the Furrows of the Lands, and there you will ſoon finde where the Covie lies, and ſo take them as your fancie ſhall lead you.

The beſt, ſafeſt, and eaſieſt way for finding of *Partridges* is by the Call, having firſt learn'd the true and natural Notes of the *Partridge*, knowing how to tune every Note in its proper key, applying them to their due times and ſeaſons.

Being perfect herein, either Mornings or Evenings (all other times being improper) go to their Haunts, and having convey'd your ſelf into ſome ſecret place where you may ſee and not be ſeen, liſten a while if you can hear the *Partridges* call; if you do, anſwer them again in the ſame Note, and as they change or double their Notes, ſo muſt you in like manner: thus continue doing till they draw nearer and nearer unto you. Having them in your view, lay your ſelf on your back, and lie as if you were dead without motion, by which means you may count their whole number.

Having attained to the knowledge of diſcovering them where they lie, the next thing will be a ready way how to catch them.

Of taking Partridges *with Nets.*

The Nets wherewith you enſnare *Partridges* muſt be every way like your *Pheaſant*-nets, both for length and breadth; onely the Meſh muſt be ſmaller, being made of the ſame Thread, and dyed of the ſame colour.

Having

Having found out the Covie, draw forth your Nets, and taking a large circumference walk a good round pace with a careleſs eye, rather from than towards the *Partridges*, till you have trimmed your Nets, and made them ready for the purpoſe: which done, you muſt draw in your circumference leſs and leſs, till you come within the length of your Net: then pricking down a Stick about three foot in length, faſten one end of the Line of your Net, and make it faſt in the Earth as you walk about; (for you muſt make no ſtop nor ſtay;) then, letting the Net ſlip out of your hands, ſpread it open as you go, and ſo carry and lay it all over the *Partridges*.

But if they ſhould lie ſtraggling, ſo that you cannot cover them all with one Net, then you muſt draw forth another, and do with that as you did with the former; doing ſo with a third, if occaſion require: having ſo done, ruſh in upon them, who, affrighted, will fly up, and ſo be entangled in the Nets.

How to take Partridges *with Bird-lime.*

Take of the faireſt and largeſt Wheat-ſtraws you can get, and cut them off between Knot and Knot, and lime them with the ſtrongeſt Lime. Then go to the Haunts of *Partridges*, and call: if you are anſwered, then prick at ſome diſtance from you your limed Straws in many croſs rows and ranks croſs the Lands and Furrows, taking in two or three Lands at leaſt: then lie cloſe and call again, not ceaſing till you have drawn them towards you, ſo that they be intercepted by the way by your limed Straws, which they ſhall no ſooner touch but they will be enſnared; and by reaſon they all run together like a brood of Chickens, they will ſo beſmear and daub one another, that very few of them will eſcape.

This

This way of taking *Partridges* is onely to be uſed in Stubble-fields from *Auguſt* till *Chriſtmas*. But if you will take them in Woods, Paſtures, or Meadows, then you muſt lime Rods, as was afore expreſſed for the *Pheaſant*, and ſtick them in the ground after the ſame manner.

How to drive Partridges.

The Driving of *Partridges* is more delightful than any other way of taking them: The manner of it is thus.

Make an Engine in the form and faſhion of a Horſe, cut out of Canvas, and ſtuff it with Straw, or ſuch light matter: with this artificial Horſe and your Nets you muſt go to the Haunts of *Partridges*, and having found out the Covie, and pitcht your Nets below, you muſt go above, and taking the advantage of the Wind, you muſt drive downward: Let your Nets be pitcht ſlope-wiſe and hovering. Then, having your Face covered with ſomething that is green, or of a dark blue, you muſt, putting the Engine before you, ſtalk towards the *Partridges* with a ſlow pace, raiſing them on their Feet, but not their Wings, and then will they run naturally before you.

If they chance to run a by-way or contrary to your purpoſe, then croſs them with your Engine, and by ſo facing them they will run into that track you would have them: thus by a gentle ſlow pace you may make them run and go which way you will, and at laſt drive them into your Net, and ſo diſpoſe of them at your pleaſure.

How

How to take Partridges *with a Setting-dog.*

There is no art of taking *Partridges* ſo excellent and pleaſant as by the help of a Setting-dog: wherefore, before we proceed to the Sport, we ſhall give you an account what this Setting-dog is.

You are to underſtand then, that a Setting-dog is a certain luſty Land-ſpaniel, taught by nature to hunt the *Partridge* more than any chace whatever, running the fields over with ſuch alacrity and nimbleneſs, as if there was no limit to his fury and deſire, and yet by art under ſuch excellent command, that in the very height of his career by a Hem or ſound of his Maſter's voice he ſhall ſtand, gaze about him, look in his Maſters face, and obſerve his directions, whether to proceed, ſtand ſtill, or retire: nay, when he is even juſt upon his Prey, that he may even take it up in his mouth, yet his obedience is ſo framed by art, that preſently he ſhall either ſtand ſtill, or fall down flat on his Belly, without daring either to make any noiſe or motion till his Maſter come to him, and then he will proceed in all things to follow his directions.

Having a Dog thus qualified by art and nature, take him with you where *Partridges* do haunt, there caſt off your Dog, and by ſome word of encouragement which he is acquainted with, engage him to range, but never too far from you; and ſee that he beat his ground juſtly and even, without caſting about, or flying now here now there, which the mettle of ſome will do, if not corrected and reproved. And therefore when you perceive this fault, you muſt preſently call him in with a Hem, and ſo check him that he dare not do the like again for that day; ſo will he range afterwards with more temperance, ever and anon looking in his Maſter's

ſter's face, as if he would gather from thence whether he did well or ill.

If in your Dog's ranging you perceive him to ſtop on the ſudden, or ſtand ſtill, you muſt then make in to him, (for without doubt he hath ſet the *Partridge*) and as ſoon as you come to him, command him to go nearer: but if he goes not, but either lies ſtill, or ſtands ſhaking of his Tail, as who would ſay, Here they are under my noſe, and withal now and then looks back; then ceaſe from urging him further, and take your circumference, walking faſt with a careleſs eye, looking ſtraight before the Noſe of the Dog, and thereby ſee how the Covy lie, whether cloſe or ſtraggling.

Then commanding the Dog to lie ſtill, draw forth your Net, and prick one end to the ground, and ſpread your Net all open, and ſo cover as many of the *Partridges* as you can; which done, make in with a noiſe, and ſpring up the *Partridges*; which ſhall no ſooner riſe, but they will be intangled in the Net. And if you ſhall let go the old Cock and Hen, it will not onely be an act like a Gentleman, but a means to increaſe your Paſtime.

How to take RAILS, QUAILS, MOREPOOTS, *&c.*

FRom what is contain'd in the foregoing Chapters, you may collect a method how to take other Fowl, as *Rails*, *Quails*, *Morepoots*, &c. all which are very good flights for *Hawks*.

Their Haunts are much alike with thoſe of the *Partridge*; onely the *Quail* loves moſt the Wheat-fields, the

the *Morepoot* moſt the Heath and Foreſt-grounds, and the *Rails* love the long high Graſs where they may lie obſcure.

The way of finding them is like that of the *Partridge*, by the Eye, the Ear, and Haunt: but the chief way of all to finde them out is the Call or Pipe, to which they liſten with ſuch earneſtneſs, that you can no ſooner imitate their Notes, but they will anſwer them, and will purſue the Call with ſuch greedineſs, that they will play and skip about you, nay run over you, eſpecially the *Quail*.

The Notes of the Male and Female differ very much, and therefore you muſt have them both at your command; and when you hear the Male call, you muſt anſwer in the Female's Note; and when the Female calls, you muſt anſwer in the Male's Note: and thus you will not fail to have them both come to you, who will gaze and liſten till the Net is caſt over them.

The way of taking theſe Birds is the ſame with that of the *Partridge*, and they may be taken with Nets or Lime, either Buſh or Rod, or Engine, which you muſt ſtalk with; or by the Setting-dog, which I ſhall treat of in the next Chapter.

How to elect and train a SETTING-DOG *from a Whelp till he come to perfection.*

THe Dog which you elect for Setting muſt have a perfect and good Sent, and be naturally addicted to the hunting of Feathers. And this Dog may be either Land-ſpaniel, Water-ſpaniel, or Mungrel of them both; either the Shallow-flewed Hound, Tumbler, Lurcher,

Lurcher, or ſmall baſtard Maſtiff. But there is none better than the Land-ſpaniel, being of a good and nimble ſize, rather ſmall than groſs, and of a courageous mettle; which though you cannot diſcern being young, yet you may very well know from a right breed, which have been known to be ſtrong, luſty and nimble Rangers, of active Feet, wanton Tails, and buſie Noſtrils; whoſe Tail was without wearineſs, their Search without changeableneſs, and whom no delight did tranſport beyond fear or obedience.

When you have made choice of your Dog, begin to inſtruct him about four moneths old, or ſix moneths at the uttermoſt.

The firſt thing that you ſhall teach your Dog, is to make him loving and familiar with you, knowing you from any other perſon, and following you where-ever you go. To effect this the better, let him receive his food as near as you can from no other hand but your own; and when you correct him to keep him in awe, do it rather with words than blows.

When you have ſo inſtructed your Dog that he will follow none but your ſelf, and can diſtinguiſh your frown from your ſmile, and ſmooth words from rough, you muſt then teach him to couch and lie down cloſe to the ground; firſt, by laying him often on the ground, and crying, *Lie cloſe*. When he hath done any thing to your minde and pleaſure, you muſt then reward him with a piece of Bread: if otherwiſe, chaſtiſe him with words, but few blows.

After this, you muſt teach him to come creeping unto you with his Belly and Head cloſe upon the ground, as far or as little way as you ſhall think fit: and this you may do by ſaying, *Come nearer, come nearer*, or the like; and at firſt, till he underſtand your meaning, by ſhewing him a piece of Bread or ſome other

food to entice him to you. And this obſerve in his creeping to you, if he offer to raiſe his Body or Head, you muſt not onely thruſt the riſing part down, but threaten him with your angry voice; which if he ſeem to ſlight, then adde a ſharp jerk or two with a Whip-cord-laſh.

You muſt often renew his Leſſons till he be very perfect, ſtill encouraging him when he does well.

If you walk abroad with him, and he take a fancy to range, even when he is moſt buſie ſpeak to him, and in the height of his paſtime make him fall upon his Belly and lie cloſe, and after that make him come creeping to you.

After this teach him to lead in a String or Line, and to follow you cloſe at your heels without trouble or ſtraining of his Collar.

By that time he hath learned theſe things aforeſaid, I conceive the Dog may be a twelvemonth old; at which time, the ſeaſon of the year being fit, take him into the field and permit him to range, but ſtill in obedience to your command. But if through wantonneſs he chance to babble or open without cauſe, you muſt then correct him ſharply, either with a Whip-cord-laſh, or biting him hard at the Roots of his Ears.

Having brought him to a good temper and juſt obedience, then, as ſoon as you ſee him come upon the Haunt of any *Partridge*, (which you ſhall know by his greater eagerneſs in hunting, as alſo by a kinde of whimpering and whining in his voice, being very deſirous to open, but not daring) you ſhall ſpeak to him, bidding him take heed, or the like: but if notwithſtanding he either ruſh in and ſpring the *Partridge*, or opens, and ſo the *Partridge* eſcapeth, you muſt then correct him ſeverely, and caſt him off again, and let him hunt in ſome Haunt where you know a Covie lies, and

and ſee whether he hath mended his fault: And if you catch any with your Nets, give him the Heads, Necks, and Pinions for his future encouragement.

Many more obſervations there are, which are too numerous here to recite; wherefore I ſhall deſiſt, and give you an account of a Water-dog, and ſo finiſh this preſent Diſcourſe.

How to train a WATER-DOG, *and the uſe thereof.*

I Shall begin with the beſt proportion of a *Water-dog*, and firſt of his Colour. Although ſome do attribute much to the colour, yet experience lets us know they are uncertain Obſervations.

To proceed then, your Dog may be any colour and yet excellent; but chuſe him of Hair long and curled, not looſe and ſhagged: his Head muſt be round and curled, his Ears bread and hanging, his Eye full, lively and quick, his Noſe very ſhort, his Lip Hound-like, his Chaps with a full ſet of ſtrong Teeth, his Neck thick and ſhort, his Breaſt ſharp, his Shoulders broad, his Fore-legs ſtraight, his Chine ſquare, his Buttocks round, his Belly gaunt, his Thighs brawny, *&c.*

For the Training this Dog, you cannot begin too ſoon with him; and therefore as ſoon as he can lap you muſt teach him to couch and lie down, not daring to ſtir from that poſture without leave. Obſerve in his firſt teaching to let him eat nothing till he deſerve it; and let him have no more Teachers, Feeders, Cheriſhers, or Correctors but one; and do not alter that word you firſt uſe in his information, for the Dog takes notice of the ſound, not the language.

When you have acquainted him with the word ſuitable to his Leſſon, you muſt then teach him to know the word of Reprehenſion, which at firſt ſhould not be uſed without a Jerk. You muſt alſo uſe words of Cheriſhing, to give him encouragement when he does well: and in all theſe words you muſt be conſtant, and let them be attended with ſpitting in his mouth, or cheriſhing of the hand. There is alſo a word of Advice, inſtructing him when he does amiſs.

Having made him underſtand theſe ſeveral words, you muſt next teach him to lead in a String or Collar orderly, not running too forward, nor hanging backward. After this you muſt teach him to come cloſe at your heels without leading; for he muſt not range by any means, unleſs it be to beat Fowl from their Covert, or to fetch the wounded.

In the next place you muſt teach him to fetch and carry any thing you throw out of your hands. And firſt try him with the Glove, ſhaking it over his Head, and making him ſnap at it; and ſometimes let him hold it in his Mouth, and ſtrive to pull it from him; and at laſt throw it a little way, and let him worry it on the ground: and ſo by degrees make him bring it you where-ever you throw it. From the Glove you may teach him to fetch Cudgels, Bags, Nets, *&c.*

If you uſe him to carry dead Fowl, it will not be amiſs; for by that means he will not tear or bruiſe what Fowl you ſhoot.

Having perfected this Leſſon, drop ſomething behinde you which the Dog doth not ſee; and being gone a little way from it, ſend him back to ſeek it, by ſaying, *Back, I have loſt.* If he ſeem amazed, point with your Finger, urging him to ſeek out, and leave him not till he hath done it. Then drop ſomething

at

at a greater diſtance, and make him finde out that too, till you have brought him to go back a mile.

Now may you train him up for your Gun, making him ſtalk after you ſtep by ſtep, or elſe couch and lie cloſe till you have ſhot.

Many more neceſſary Rules there are, which for brevity ſake I muſt omit.

The laſt uſe of the Water-dog is in moulting-time, when Wild-fowl caſt their Feathers and are unable to fly, which is between Summer and Autumn: at this time bring your Dog to their Coverts, and hunt them out into the Stream, and there with your Nets ſurprize them, driving them into them; for at this time Sheep will not drive more eaſily. And though ſome may object, that this ſickly time is unſeaſonable; yet if they conſider what excellent food theſe Fowl will prove when cramm'd, the taking of them may be very excuſable. I have eaten of them after they have been fed a while with Livers of Beaſts, Whey, Curds, Barley, paſte, ſcalded Bran, and ſuchlike; they have proved exceeding fat, and have taſted not ſo fiſhy as they do by their natural feeding, but exceeding ſweet, and deſerve to be preferred before any Fowl whatever.

How to take, preſerve, and keep all ſorts of Singing-birds that are commonly known in England. *Giving alſo an account of their Nature, Breeding, Feeding, Diſeaſes of the ſame, with their Remedies.*

IN the preceding Diſcourſe I have given you a Summary account of the ſeveral ways and artifices which are uſed to take either Land-fowl, or Fowl properly belonging to the Water. Upon ſecond thoughts I look upon this Third Part of the *Gentleman's Recreation*, called a *Treatiſe of Fowling*, imperfect, if I adde not now what I omitted before; a ſmall Eſſay as to the Taking, Preſerving, and Keeping all ſorts of Singing-Birds commonly known in theſe his Majeſties three Kingdoms. They are thus called.

The *Nightingal.*	The *Starling.*	The *Gold finch.*
The *Black-bird.*	The *Tit-lark.*	The *Green-finch.*
The *Wood-lark.*	The *Bull-finch.*	The *Wren.*
The *Linnet.*	The *Canary-bird*	The *Red-ſtart.*
The *Chaff-finch.*	The *Throſtle.*	The *Hedgeſparrow.*
The *Rob. Red-breaſt*	The *Skie-lark.*	

Laſtly, their Diſeaſes and Cures.

Of

of the NIGHTINGAL.

ACcording to the judgement of moſt men the *Nightingale* carries the Bell from all other Singing-birds, opening her charming Mouth not onely ſweetly, but with much variety of pleaſant Notes: It is but a ſmall Bird, yet hath a loud voice; which made the Poet call her —*Vox, & præterea nihil.* They are ſo well known, a deſcription of them would be needleſs; and are not onely eſteemed of here, but in *Italy* and other parts.

They appear to us at the latter end of *March*, or beginning of *April*, and very few know where they inhabit all the Winter; ſome think they ſleep all that ſeaſon.

She makes her Neſt commonly about two foot above ground, either in thick Quick-ſet-hedges, or in Beds of Nettles where old Quick-ſet hath been thrown together. She hatcheth her young ones about the beginning of *May*, and naturally delights to frequent cool places, where ſmall Brooks are garniſhed with pleaſant Groves, and Quick-ſet-hedges are not far diſtant.

That *Nightingale* which in my opinion is the beſt to keep, is he that is the earlieſt Bird of the Spring; for he will ſing the better, having more time to hear the old one ſing than thoſe that are hatched later.

The young *Nightingales* muſt be taken out of their Neſts when they are indifferently well fledg'd in a mediocrity: for if well feathered, they will become ſullen; and if too little, they are ſo tender the cold will kill them.

For their meat give them lean Beef, Sheeps-heart, or Bullocks-heart, taking away first the fat Skin that covereth it, and take away the Sinews; after this soak the like quantity of white Bread in water, and squeeze out some of the Water; then mince it small; then feed them with a Stick, taking upon the point thereof the quantity of a Grey Pea, and give every one of them three or four such gobbets in an hour, as long as they shall endure to be in the Nest: when they are able to fly out of the Nest, then put them into a Cage with several Pearches for them to sit upon, and line them with some green Bays, for they are very subject to the Cramp at first; and at the bottom of the Cage put in some Moss or Hay, as well for other Birds as the *Nightingale*: it is safe to line their Cages against Winter, or keep them in some warm place. When they are first Caged, continue for a while to put some of their meat by them mingled with Ants, which will induce them to feed themselves.

In the Summer you must feed them every day with fresh meat, otherwise it will quickly grow stale or stink. When they begin to moult, give them half Egg hard boiled, and half Sheeps-heart mingled with Saffron and Water. Here note, Duck-eggs will kill them: you may give them sometimes red-Worms, Caterpillars, and Hog-lice; Meal-worms make them familiar, suffering them to take them out of your hand.

The way of taking Old and Young is thus: For the Young, observe where the Cock sings; and if he sings long the Hen is not far from that place, who oftentimes betrays her Offspring by being too careful; for when you come near her Nest she will *Sweet* and *Cur*: if notwithstanding this you cannot finde her Nest, stick a Meal-worm or two upon a Thorn, and

and then lying down or ſtanding, obſerve which way it is carried by the Old one, and drawing near you will hear the young ones when ſhe feeds them. When you have found out the Neſt, touch not the young; for if you do, they will not tarry in the Neſt.

The way to take *Branchers*, by others called *Puſhers*, (becauſe when throughly fledg'd the Old ones puſh them out of the Neſt) I ſay, you muſt take them after this manner: When you have found where they are, which you ſhall know by their *Curring* and *Sweeting*; (for if you call true, they will anſwer you immediately) having your Tackle all ready, ſcrape, in the Ditch or Bank-ſide, the Earth about three quarters of a yard ſquare, that it may look freſh; then take a Bird-trap or Net-trap, which you muſt make after this faſhion.

How to make a Net-trap for Nightingales.

Take a Net made of green Silk or Thread, about the compaſs of a yard, made after the faſhion of a Shove-net for Fiſhes; then get ſome large Wyre, and bending it round, joyn both ends, which you muſt put into a ſhort Stick about an Inch and an half long; then you muſt have a piece of Iron with two Cheeks and a hole on each ſide, through which you muſt put ſome fine Whip-cord three or four times double, that ſo it may hold the piece of Wood the better unto which the ends of the Wyre are put, and with a Button on each ſide the Iron twiſt the Whip-cord, that ſo the Net may play the quicker: you muſt faſten the Net to the Wyre as you do a Shove-net to the Hoop; then get a Board of the compaſs of your Wyre, and joyn your two cheeks of Iron at the handle of your Board; then make a hole in the middle of your Board; and put a piece of Stick of about two Inches long, and a Hole at the Top of your Stick, which you muſt have

have a Peg to put in with two Wyres, an Inch and half long, to ſtick your Meal-worm upon; then tie a String in the middle of the top of your Net, drawing the Net up, having an eye at the end of the handle to put your Thread through, pull it till it ſtands upright, then pull it through the hole of the Stick that ſtands in the middle of your Board, and put your Peg in the hole, and that will hold the String that the Net cannot fall down: you muſt put two Worms upon the Wyres, before you put it into the hole, and ſet it as gently as you can, that it may fall with the firſt touch of the *Nightingale*: When you have your Net and Worm ready, having firſt ſcraped the place, then put ſome Ants in your Trap-cage, and upon your Board put ſome Worms upon Thorns, and ſet them at the bottom of your Trap-cage, little holes being made for the ſame purpoſe to ſtick in the ends of your Thorns: Then plant your Trap near to the place where you heard them call, either in the Ditch, or by the Bank-ſide, or corner of a Hedge, and then walk away; you may ſet what number of Trap-cages you think convenient. Do what is here propoſed, and you need not doubt the having of your deſires ſatisfied.

Having taken your *Nightingales*, (the time is in *July* or *Auguſt*) tie the ends of their Wings with ſome brown Thread, that ſo they may be diſenabled to hurt themſelves by beating their tender bodies againſt the top and Wyres of the Cage.

Let the Cage be covered above half with green Bays, and for four or five daies let him be very little diſturbed by company; but withal forget not to feed them half a dozen times every day with Sheeps-heart and Egg ſhred very fine, and mingle red Ants therewith, and a few Red Earth-worms would not do amiſs.

Here note, that no *Nightingale* at firſt taking will eat any other food than what is living, as Worms, Ants,

Ants, Flies, or Caterpillars; which through ſullenneſs if he will not eat, then take him out, and upon the point of a Stick (firſt opening his Bill) give him four or five gobbets one after another; then turn him into the Cage, ſtrowing the bottom thereof with Egg and minced Sheeps-heart mingled with ſome Piſmires. Theſe *Nightingales* that are taken at this time of the year will not ſing till the middle of *October*, and then they will hold in ſong till the middle of *June*: But the *Nightingales* that are taken from the firſt of *April* to the twentieth, are the beſt Birds for Song in the whole Univerſe; and theſe are taken with Trap-cages or Trap-nets, as the Branchers aforeſaid, in *June*, *July*, and *Auguſt*. Here obſerve, that Neſtlings nor Branchers (except they have an old Bird to ſing over them) have not the true Song for the firſt twelve moneths. When you have ſo tamed them that they begin to *Cur* and *Sweet* with chearfulneſs, and record ſoftly to themſelves, it is a certain ſigne that they eat, and then you need not trouble your ſelf with feeding them; but if they ſing before they feed, they commonly prove moſt excellent Birds: Thoſe Birds that are long a feeding, and make no *Curring* nor *Sweeting*, are not worth the keeping. If you have a Bird that will flutter and bolt up his head in the night againſt the top of the Cage, keep him not, for he is not onely good for nothing, but his bad example will teach the beſt of your Birds to do the like.

Now to the intent you may not keep Hens inſtead of Cocks, and ſo not onely be at uſeleſs charge, but be fruſtrated of your expectation, you ſhall diſtinguiſh their Sexes by theſe obſervations. The Cock in the judgement of ſome is both longer and bigger: others ſay the Cock hath a greater Eye, a longer Bill, and a Tail more reddiſh: others pretend to know them by the Pinion of the Wing, and Feathers on the Head.

Theſe

Theſe Rules I look not upon as infallible, having found them contrary to truth by my own experience: Now to undeceive you, take theſe true Experimental Obſervations. Firſt, take notice that if any of your Neſtlings (before they can feed themſelves) do Record a little to themſelves, and in their Recording you perceive their Throats to wag, you need not doubt that they are Cocks; but when they come to feed themſelves, the Hen will Record as well as the Cock; therefore mark them when young, for it is very difficult to diſtinguiſh afterwards.

Branchers, whether Cocks or Hens (when taken and do feed themſelves) will Record; but the Cock does it much longer, louder, and oftner.

The beſt ſort of *Nightingales* frequent High-ways, Orchards, and ſing cloſe by houſes: theſe when taken will feed ſooneſt, being more acquainted with the company of people; and after their feeding will grow familiar, and ſing ſpeedily. Obſerve, not to untie too ſoon the Wings of your *Nightingale*; for if he be not very familiar and tame when he is untied, he will be apt to beat himſelf againſt the Cage, and ſo ſpoil himſelf.

Now as to their Diſeaſes and Cures, obſerve this, that at the latter end of *Auguſt* they grow very fat either abroad or in a Cage: when it begins to abate when they do not ſing, it is a dangerous ſigne; wherefore to remedy this, keep them very warm, giving them Saffron in their meat or water: when you perceive the growth of their fat, purge them thrice a Week for a Moneth, either with a Worm which is found in *Pigeon*-houſes, or with a ſpeckled Spider, which you may finde plentifully about Vines, Currans, or Gooſe-berry-buſhes in *Auguſt*, and at no time elſe. If they are melancholy, put into their drinking-pot ſome Liquoriſh with a little white Sugar-candy, giving them to feed

on

on Sheeps-heart ſhred ſmall, ſome Meal-worms, and Eggs mingled with Piſmires. It is ſtrange that ſome of theſe Birds when fat will faſt three weeks, which I have known; but it is better when they eat.

Nightingales kept in a Cage two or three years, are ſubject to the Gout; for their Cure, take freſh Butter and anoint their Feet four or five daies, and they will be well again. Here note, that for want of keeping them clean, their Feet are clog'd, and then their Claws will rot off, and are ſubject to Gout and Cramp, and will take no delight in themſelves; to prevent theſe miſchiefs, put dry Sand into the bottom of their Cages.

They are likewiſe troubled with Apoſtumes and breaking out about their Eyes and Neb; for which, uſe Capons-greaſe. And thus much of the Diſeaſes of the *Nightingale*.

Of the CANARY-BIRD.

THough many of theſe Birds are lately brought from *Germany*, and therefore are called by the name of that Country, yet undoubtedly their Original proceeded from the *Canary*-Iſlands. They are in colour much like our *Green-birds*, but differ much in their Song and Nature; and in this they differ from all Birds: For as others are ſubject to be fat, the Cocks of theſe never are, by reaſon of the greatneſs of their mettle, and their laviſh ſinging; either of theſe will not ſuffer him to keep hardly fleſh upon his back.

The beſt of them are ſhaped long, ſtanding ſtraight and boldly.

Before you buy either theſe *German* or *Canary-birds*, hear them ſing, and then you will know how to pleaſe your

your Ear or fancy, either with Sweet-ſong, Laviſh-note, or Long-ſong, which is beſt, having moſt variety of Notes. Some like thoſe that *whisk* and *chew* like unto a *Tit-lark*; others are for thoſe that begin like a *Skie-lark*, and ſo continue their Song with a long, yet ſweet Note; a third ſort are for thoſe that begin their Song with the *Skie-lark*, and then run upon the Notes of the *Nightingale*, which is very pleaſant if he does it well: The laſt is for a loud Note and laviſh, regarding no more in it than a noiſe.

If you would know whether your *Canary-bird* be in health before you purchaſe him, take him out of the Store-cage, and put him into a clean Cage alone; where if he ſtand boldly without crouching, without ſhrinking Feathers, and his Eyes looking brisk and chearfully; theſe are good ſignes of a healthy Bird: But now obſerve, if he bolts his Tail like a *Nightingale* after he hath dunged, it ſhews he is not well; though he ſeem lively for the preſent, there is ſome diſtemper near attending: likewiſe if he either dung very thin and watry, or of a ſlimy white and no blackneſs in it; theſe are dangerous ſignes of death approaching.

Theſe Birds are ſubject to many Diſeaſes, as Impoſtumes which afflict their head, and are of a yellow colour, cauſing a great heavineſs, and withal a falling from the Pearch, and death enſuing if this malady be not ſpeedily cured. The moſt approved cure is to make an Ointment of freſh Butter and Capons-greace melted together, and anoint therewith the Bird's Impoſtume three or four daies together: if it become ſoft, open it gently and let out the matter; then anoint the place with ſome of the ſame Ointment, and this will immediately cure him: during the cure give him Figs, and Liquoriſh, and white Sugar-candy in his Water.

Canary-birds above three years old are called *Runts*; at

at two years old they are called *Eriffs*; and thoſe of the firſt year are called *Branchers*; when they are new flown and cannot feed themſelves, they are called *Puſhers*; and thoſe that are brought up by hand, *Neſtlings*. Now ſince there are but few *Canary-birds* which breed in *England*, it being ſo great a trouble to look after them, I ſhall here inſert nothing concerning the ordering when they intend or begin to build; what things are neceſſary for them when they begin to breed; how to order them when they have young ones; or how to breed the young ones when taken out of the Neſt: Thoſe who intend to be informed of every thing hereunto belonging, may eaſily be inſtructed by applying themſelves to ſeveral *Germans* in and about the City, who make it their buſineſs to breed *Canary-birds* after the beſt *(German)* faſhion.

Of the BLACK-BIRD.

AS ſome do eſteem the *Nightingale* to be the beſt Singing-bird in the World, ſo in my opinion the *Black-bird* is the worſt; yet they are as frequently kept as their betters, and are in great eſtimation amongſt the Vulgar; for no other reaſon that I know, than for the loudneſs and courſeneſs of his Song, as they are Boriſh in their Speech, and have little but ruſticity in their Conditions. To be ſhort, he is better to be eaten than kept, and is much ſweeter to the palate when dead, than to the ear when living.

She builds her Neſt upon old Stumps of Trees by Ditch-ſides, or in thick Hedges. As they begin betimes, that is, in the beginning of *March*, (when many times the Woods are full of Snow) ſo they breed often

often, that is, three or four times a year, according as they looſe their Neſt.

The young *Black-birds* are brought up almoſt with any meat whatſoever; but above all, they love Grounds worms, Sheeps-heart, hard Eggs, and white Bread and Milk mixt together.

This Bird ſings ſomewhat more than three moneths in the year; his Note as I ſaid is harſh, therefore to adde a value to him, let him be taught to whiſtle; yet put Song and whiſtle together, in my judgement it is fitter for a large Inne than a Lady's Chamber.

Of the THROSTLE.

OF *Throſtles* there be five kinds; the *Miſtle-throſtle*, the *Northern-throſtle* or *Felfare*, the *Wind-throſtle*, the *Wood-ſong throſtle*, and the *Heath-throſtle*.

The firſt is the largeſt of all the five, and the moſt beautiful; it feeds for the moſt part on the Berries of Miſtletoe: and ſince that they are ſo good againſt the Falling-ſickneſs and Convulſions, theſe *Throſtles* when dried and pulverized and drank in the water of Miſtletoe, or Black-cherry-water, are much more effectual againſt thoſe two diſtempers. He ſings but little, and therefore though the young ones are eaſie to be brought up being hardy, yet he is not worth the keeping; for his Notes are rambling and confuſed, yet not laviſh neither.

The ſecond is the *Felfare*, who comes into *England* before *Michaelmas*, and goes away about the beginning of *March*. In hard weather they feed on Hips and Haws; but when it is indifferently warm, there being neither Froſt nor Snow on the ground, they feed on young Graſs and Worms. They

They breed upon certain Rocks near the Scotiſh Shore three or four times a year, and are there in very great numbers: They are not ſo fit for the Cage as the Spit, having a moſt lamentable untun'd chattering tone: in Froſt and Snow they are very fat, and then are moſt delicate food; but being killed in open weather, they are ſo bitter that they are not worth the eating.

Thirdly, the *Wind-throſtle*, (or *Whindle*) which travels with the *Felfare* out of the North, is a ſmaller bird, with a dark red under his Wing. He breeds in Woods and Shaws as *Song-throſtles* uſe to do, and hath an indifferent Song, exceeding the two former; but yet they are fitter for the Pot or Spit than for a Cage or Avery.

The fourth is the *Wood-ſong-throſtle*, and ſings moſt incomparably, both laviſhly, and with variety of Notes: To adde to his eſtimation, he ſings at leaſt nine of the twelve moneths in the year.

They build about the ſame time, place, and manner as the *Black-bird* does: her policy in the building of her Neſt is much to be admired, ſince the compoſure cannot be mended by the art of Man: beſides the curious building, ſhe leaves a little hole in the bottom of her Neſt, as I conceive to let out the Water if a violent ſhower ſhould come, that ſo her Eggs or young ones may not be drowned.

They go very ſoon to Neſt if the Weather favour them, and breed three times a year, that is, in *March* or *April*, *May* and *June*; but the firſt Birds uſually prove the beſt.

Take them in the Neſt when they are fourteen daies old, and keep them warm and clean, not ſuffering them to ſit on their Dung, but ſo contrive it that they dung over the Neſt. Feed them with raw meat and ſome Bread chopped together

with bruiſed Hemp-ſeed, wetting your Bread before you mingle it with the meat.

Being throughly fledg'd, put them into a Cage where they may have room enough, with two or three Pearches, and ſome Moſs at the bottom of the Cage, to keep them clean; for otherwiſe they will be troubled with the Cramp, and for want of delighting in themſelves, the ſinging will be ſpoil'd.

Bread and Hemp-ſeed is as good food for them as can be given: and be mindful of furniſhing them at leaſt twice a week with freſh water, that they may bathe and prune themſelves therein, otherwiſe they will not thrive.

The fifth and laſt is the *Heath throſtle*, which is the leaſt we have in *England*, having a dark breaſt. Some are of opinion that this Bird exceeds the *Song-throſtle*, having better Notes, and neater plume.

The Hen builds by the Heath-ſide in a Furz-buſh, or Stump of an old Haw-thorn, and makes not Shaws and Woods her haunt as other *Throſtles* do. She begins not to breed till the middle of *April*, and breeds but twice in a year; and if kept clean and well fed, will ſing three parts in four of the whole year. Their manner of breeding is in like-ſort as the former.

To know the Cock from the Hen, according to old Country-judgement, is to chuſe the top-bird of the Neſt, which commonly is moſt fledg'd. Others think that to be the Cock which hath the largeſt Eye, and moſt ſpeckles on his breaſt. Others chuſe the Cock by the pinion of his Wing, if it hath a very dark black that goes acroſs it; but above all, chuſe him thus: If his Gullet be white with black ſtreaks on each ſide, his ſpots on his Breaſt large and black, having his head of a light ſhining brown, with black ſtreaks under each Eye and upon the pinion of the Wing; theſe are the beſt marks that ever I obſerved.

Of

Of the ROBIN-RED-BREAST.

IT is the opinion of ſome, that this little King of Birds for ſweetneſs of Note comes not much ſhort of the *Nightingale*. It is a very tender Bird, and therefore muſt have its Cage lined. They breed very early in the Spring, and commonly thrice a year.

When the young are about ten daies old, take them from the Old ones, and keep them in a little Bower-basket: if they tarry long in the Neſt, they will be ſullen, and therefore more difficultly brought up: you muſt feed them as you feed the *Nightingale* in all reſpects: finding them grow ſtrong, put them into a Cage, put Moſs in the bottom thereof, and let them ſtand warm.

The way of taking a *Robin-red-breaſt* is ſo eaſie and common, that every Boy knows how to take him in a Pit-fall; but with a Trap-cage and a Meal-worm you may take half a ſcore in a day: hearing them ſing, keep thoſe Birds which moſt delight you. If you take any without hearing them ſing, thus you ſhall know whether he be Cock or Hen; if a Cock, his breaſt will be of a darker red, and his red will go farther up upon the Head than the Hens.

Of the WREN.

THis Bird in my opinion is a pretty ſweet dappet Songſter, being of a nature cheerful; as he is pleaſant to the Ear, ſo he is to the Eye; and when he

ſings cocks up his Tail, and throws out his Notes with ſo much alacrity and pleaſure, that I know not any bird of its bigneſs more delights the ſenſe of hearing.

This bird builds twice a year, about the latter end of *April*, in Shrubs where Ivy grows thick, and ſometimes in old Hovels and Barns. They lay a numerous quantity of Eggs; and I can aſſure you I have ſeen a Neſt containing two and twenty: herein are two things greatly to be wondred at: firſt, that ſo ſmall a bird ſhould cover ſuch a great quantity of Eggs; ſecondly, when they have hatched, to feed them all, and not to miſs one bird, and in the dark alſo.

Their ſecond time of breeding is in the middle of *June*: of either breed, what you intend to keep muſt be taken out of the Neſt at thirteen or fourteen daies old. Let their food be Sheeps-heart and Egg minced very ſmall, or Calves or Heifers-heart; but be ſure to clear them of the Fat and Sinews, which muſt be a general rule to be obſerved for all Meat-birds. Feed them in the Neſt every day very often, but a little at a time; let the Inſtrument you feed them with be a Stick; and when you obſerve them to pick it off of their own accord, then cage them, and putting meat to them in a little Pan, and about the ſides of the Cage, to entice them to eat; however, have a care to feed them too, leſt they neglect themſelves and die. When they can feed themſelves very well, give them once in three daies a Spider or two. You may teach them to whiſtle tunes if you ſo deſire it; for they are eaſily taught, being a bird that's very docible. Here note, if they be fed with Paſte, they will live longer than if they fed upon Hearts. The browneſt and largeſt of the young *Wrens* are the Cocks.

Of the WOOD-LARK.

SOme prefer the *Wood-lark* before the *Nightingale*; but it is of this bird as all others, ſome are more excellent in length and ſweetneſs of Song.

This bird breeds the ſooneſt of any we have, by reaſon of his extraordinary mettleſomeneſs: and therefore if they are not taken in the beginning of *February* at leaſt, they grow ſo rank, that they will prove good for nothing.

The places this Bird moſt delights in are gravelly grounds, and Hills lying towards the Orient, and in Oat-ſtubs. Their building is in your Laiers grounds, where the Graſs is rank and ruſſet, making their Neſts of Bennet-graſs, or dead Graſs of the field under ſome large Tuffet, to ſhelter them from the injury of the Weather.

This Bird hath very excellent pleaſant Notes, with great variety, inſomuch that I have obſerved ſome have had almoſt thirty ſeveral Notes; which if they ſing laviſh, is a moſt raviſhing melody or harmony, if the *Nightingale* joyn in conſort.

Theſe Birds are never bred from the Neſts as ever I could hear: I have ſeveral times attempted it, but to no purpoſe; for notwithſtanding my greateſt care, they died in a Week, either of the Cramp or Scowring.

The times of the year to take them are *June*, *July*, *Auguſt*; and then they are called young *Branchers*, having not yet moulted. They are taken likewiſe at the latter end of *September*; but having then moulted, the young and old are not diſtinguiſhable.

Laſtly, they are taken from the beginning of *January* to the latter end of *February*, at which time they are all coupled and returned to their Breeding-places.

The way to take them in *June*, *July*, and *Auguſt*, is with an Hobby, after this manner: get out in a dewy Morning, and go to the ſides of ſome Hills which lie to the riſing of the Sun, where they moſt uſually frequent; and having ſprung them, obſerve where they fall; then ſurround them twice or thrice with your Hobby on your Fiſt, cauſing him to hover when you draw near, by which means they will lie ſtill till you clap a Net over them, which you carry on the point of a Stick.

If three or four go together, take a Net like one made for *Partridges*: when you go with a Setting-dog onely, the Meſh muſt be ſmaller, that is, a *Lark*-meſh; and then your Hobby to the *Lark* is like a Setting-dog to *Partridges*, and with your Net at one draught you may take the whole flock.

The *Wood lark* that is taken in *June*, *July*, and *Auguſt* will ſing preſently, but will not laſt long, by reaſon of their moulting. That which is taken in *January* and *February* will ſing in five or ſix daies, or ſooner; and theſe are the beſt, being taken in full ſtomack, and are more perfect in their Song than thoſe taken at other ſeaſons.

If in the Cage you finde him grow poor at the beginning of the Spring, give him every two or three daies a turff of Three-leav'd-graſs, (as is uſed to the *Skie-lark*) and boil him a Sheeps-heart and mince it ſmall, mingling it among his Bread, Egg, and Hemp-ſeed, which will cauſe him to thrive extraordinarily.

If he be troubled with Lice, (a Diſtemper he is commonly afflicted withal) take him out of the Cage, and ſmoak

ſmoak him with Tobacco; give him freſh Gravel, and ſet him in a hot place where the Sun ſhines, and this will cure him if he have ſtrength to bask in the Sand.

If you would have him ſing laviſh, feed him with Sheeps-heart, Egg, Bread and Hemp-ſeed mixt together, and put into his Water a little Liquoriſh, white Sugar-candy, and Saffron: let this be done once a week.

Upon the firſt taking of your *Wood-lark* thus muſt you do: you muſt put into your Cage two Pans, one for minc'd Meat, and another for Oat-meal and whole Hemp-ſeed. Then, having boiled an Egg hard, take the crums of white Bread, the like quantity of Hemp-ſeed pounded in a Mortar, and mingle your Bread and it with your Egg minced very ſmall, and give it him. Let there be at the bottom of the Cage fine red Gravel, and let it be ſhifted every week at farthelt; for he delights to bask in the Sand, which will not be convenient if foul'd with his Dung. Let the Pearch of the Cage be lined with green Bays, or which is better, make a Pearch of a Mat: and leſt they ſhould not finde the Pan ſo ſoon as they ſhould do, to prevent Famine, ſtrew upon the Sand ſome Oat-meal and Hemp-ſeed.

How to know the Cock, is thus: firſt, the largeneſs and length of his Call: Secondly, his tall walking: Thirdly, at Evenings the doubling of his Note, which Artiſts call *Cuddling*; but if you hear him ſing ſtrong, you cannot be deceived.

Here note, that if a Bird ſings not that is taken in *February* and *January* within one moneth after, you may conclude him not worth the keeping, or elſe is an Hen infallibly.

The *Wood-lark*, as it is naturally endewed with incomparable Notes, ſo it is a tender Bird, and difficult to be kept; but if rightly ordered, and well look'd to,

will be a moſt delightful Songſter to its Maſter, growing better and better every year even to the very laſt.

Theſe Birds are very ſubject to the Cramp, Giddineſs in the Head, and to Louzineſs. The beſt remedy to prevent the Cramp, is to ſhift the Cage often with freſh Gravel, otherwiſe the Dung will clog to their Feet, which cauſeth the Cramp. The Giddineſs of the Head proceedeth from feeding upon much Hemp-ſeed: perceiving this diſtemper, give him ſome Gentles, (the common Bait for Fiſher-men) Hog-lice, Emmets and their Eggs, with Liquoriſh, all put into water, will ſerve in their ſtead, and will cure immediately. Louzineſs (which cauſeth leanneſs in this bird) is cured as I ſaid before by ſmoaking Tobacco.

Of the SKIE-LARK: *The ſeveral ways to take them; and when taken, how to order them.*

THere is a great difference between one *Skie-lark* and another; for one may not be worth two pence, when another ſhall be worth two pounds.

This Bird is very hardy, and will live upon any food in a manner, ſo that he have but once a week a Turf of Three-leav'd-graſs. As the *Wood lark* hath young ones in *March*, the *Skie-lark* hath rarely any till the middle of *May*. They commonly build in Corn, or thick high Graſs Meadows, and ſeldom have more than four: take them at a fortnight old, and at firſt give them minced Sheeps-heart with a chopt hard Egg mingled: when they can feed alone, give them Bread, Hemp-ſeed, and Oat-meal; let the Bread be mingled

gled with Egg, and the Hemp-ſeed bruiſed: Let them have Sand in the bottom of their Cage; Pearches therein are to no purpoſe.

As the *Wood-lark* is taken with Net and Hobby, ſo may the *Skie-lark* be taken alſo. They are taken likewiſe in dark nights with a Trammel; this Net is about ſix and thirty yards long, and ſix yards over, run through with ſix ribs of Pack-thread; which ribs at the ends are put upon two Poles ſixteen foot long, made taper at each end, and ſo is carried between two men half a yard from the ground; every ſix ſteps touching the ground, to cauſe the Birds to fly up, otherwiſe you may carry the Net over them without diſturbing them: hearing them fly againſt the Net, clap it down, and they are ſafe under it. This is a very murdering Net, taking all ſorts of Birds that it comes near, as *Partridges*, *Quails*, *Woodcocks*, *Snipes*, *Felfares*, and what not, almoſt in every dark night.

The next way of taking them is with a pair of Day-nets and a Glaſs, which is incomparable paſtime in a froſty morning. Theſe Nets are commonly ſeven foot deep, and fifteen long, knit with your French-Meſh, and very fine Thread. Theſe Nets take all ſorts of ſmall Birds that come within their compaſs, as *Bunting-larks*, and *Linnets* in abundance.

Theſe *Larks* are alſo taken by a Low-bell, with a great light carried in a Tub both by one man, and the Net by another; this Bell and Light ſo amazeth them, that they lie as dead, and ſtir not till the Net overcaſt them. By this Bell are all ſorts of Fowls and Birds taken, as *Partridge* and *Pheaſant*; and if the Bell be lowd, or very deep, *Duck*, *Mallard*, *Wood-cock*, and *Snipe* may be taken.

The laſt way of taking *Larks* is in a great Snow, by taking an hundred or two hundred yards of

of Pack-thread, faſtning at every ſix Inches a Nooſe made with Horſe-hair; two hairs are ſufficient. Now ſince I have already deſcribed this way of taking *Larks*, I ſhall deſiſt, and onely inform you that thoſe *Larks* you intend to preſerve for ſinging, muſt be taken in *October* or *November*: chuſe the ſtraighteſt, largeſt, and loftieſt Bird, and he that hath moſt white on his Tail, for theſe are the marks of the Cock. Obſerve in this Bird, as in all others, that you give no ſalt-meat, nor Bread ſeaſon'd with Salt.

Of the LINNET.

THeir Neſts are uſually in Thorn-buſhes and Furz-buſhes; and ſome of the hotter ſort of them will breed four times a year. The young ones may be taken at four daies old, if you intend to teach them to whiſtle, or learn the Song of other Birds: for being ſo young, they know not the tune of the old Bird. Being ſo young, keep them very warm, and feed them often, and a little at a time: there muſt be bruiſed ſoaked Rape-ſeeds, with the like quantity of white bread, of which there muſt be freſh made every day to prevent ſowring, which will make them ſcowr to death: let not their meat be too dry, for fear of being Vent-burnt. If you intend they ſhall whiſtle, do you whiſtle to them in the time of Feeding, being more apt to learn before they can crack hard ſeeds. Whatever bird you intend your *Linnet* ſhall learn his Notes of, hang him under it, and he will perfectly imitate him: nay ſo docible this bird is, as I have been credibly informed, that ſome of them have been taught to ſpeak. To know the Cock from the Hen, muſt not always be

be diſcovered by their Breaſts; but the Cock is beſt known by the brownneſs of his Back and the white in his Wing, that is to ſay, take your young *Linnet* when the Wing-feathers are grown, and ſtretch out his Wing, holding his body faſt with the other hand; and then obſerve the white upon the fourth, fifth, and ſixth Feather; if it caſt a gliſtering white, and the white goes cloſe to the Quill, this is a ſure ſigne of a Cock.

Many are the Diſeaſes of this Bird, as the Ptiſick, known by his panting, ſtaring Feathers, lean Breaſt, and ſpilling his Seeds up and down the Cage; and this Diſeaſe happens for want of Water, or for want of green meat in the Spring: He is troubled alſo with Streins or Convulſions of the Breaſt: Sometimes he is afflicted with hoarſneſs in his voice, being over-ſtrein'd in ſinging: he is ſometimes melancholy, at other times afflicted with ſcowring, of which there are three ſorts; the firſt is thin, and with a black or white ſubſtance in the middle, not very dangerous; the ſecond is between a black and white, clammy and ſticking, this is bad; but the third and laſt is moſt mortal, which is the white clammy ſcowring: the ſeveral Cures I ſhall not here ſet down for brevity ſake, but refer you to the care of the Bird-merchant.

Of the GOLD-FINCH, *or* CHRIST-MAS-FOOL, *ſo called in* Norfolk.

THey are taken in great plenty about *Michaelmas*, and will ſoon become tame. The beauty of this Birds ſeverally-colour'd Feathers is not much taken notice of, becauſe they are ſo common among us; but they

they have been ſo noted and valued beyond Sea, that they have been tranſported in great quantities for great rarities.

They breed commonly in Apple-trees and Plum-trees thrice a year. You muſt take the young ones with the Neſt at ten daies old, and feed them after this manner: take ſome of the beſt Hemp-ſeed, pound it, ſift it, and mix it with the like quantity of white bread, with ſome flower of Canary-ſeeds; and taking up the quantity of a white Pea upon a ſmall Stick, feed them therewith three or four bits at a time, making freſh every day: You muſt keep theſe Birds very warm till they can feed themſelves, for their nature is very tender.

For the purgation of this Bird, as well as all others which feed on Hemp-ſeed, take the ſeeds of Mellons, Succory, and Mercury, which is a principal herb for the *Linnet*; but the beſt for the *Gold finch* are Lettice and Plantain; and nothing can be more wholeſome for him than Wall or Loom-earth, and ſome fine Sand, and a lump or two of Sugar put always into his Cage.

Of the TIT-LARK.

THis Bird is very ſhort in his Song, and no variety in it; yet ſome fancy him for his *Whisking*, *Turring*, and *Chewing*: He commonly appears at that time of the year that the *Nightingale* does, which is the beginning of *April*, and leaves us at the beginning of *September*: They are fed when taken as the *Nightingale*; you muſt cram him at firſt, for he will not feed himſelf, by reaſon he always feeds on live meat

meat in the field, for which cauſe he is unacquainted with the meat we offer him: when he comes to feed of himſelf, he will eat what the *Wood-lark* eats, or almoſt any other meat.

This Bird breeds about the latter end of *April*, or beginning of *May*, and builds her Neſt on the ground by ſome Pond-ſide or Ditch-ſide, and feeds her young with Caterpillars or Flies. They are eaſily brought up being hardy, and are not ſubject to Colds or Cramps as other birds are, but live long if preſerved with care. If you breed up this bird young and cleanly, you may pleaſe your ſelf with his Song; all that I can ſay of it is, *Short and ſweet.*

Of the CHAFF-FINCH.

THere is no ſcarcity of this bird, and in my minde fitter for the Spit than a Cage, having but one ſhort plain Song, yet for that he is admired by ſome, and kept very charily.

They build their Neſts in Hedges and Trees of all ſorts, and have young ones twice or thrice a year; they are ſeldom bred up from the Neſt, becauſe they are not apt to take another birds Song, nor to whiſtle. The *Eſſex-finch* is beſt both for length of Song and variety, concluding it with ſeveral Notes very prettily. He is very little ſubject to any Diſeaſe, onely he is inclinable to be very louſie, if he be not ſprinkled with a little Wine twice or thrice a moneth.

Of

Of the STARLING.

THis Bird is generally kept by all ſorts of people above any other bird for whiſtling; but their greateſt fault is, they have them too fledg'd out of the Neſt, and that makes them retain commonly ſo much of their own harſh Notes: therefore thoſe who do intend to have them excellent, and avoid their own ſqueaking Notes, muſt take them from the old ones at the end of three or four daies; and thus you muſt do to all birds you would learn to whiſtle, or ſpeak, or learn another Birds Song by hanging under him.

Of the RED-START.

THis Bird is a Fore-runner of the *Nightingale*, and is of a very ſullen dogged temper in a Cage; but abroad is very chearful, and hath a very pleaſant kinde of whiſtling Song.

The Cock is fair and beautifully coloured, and is delightful to the eye. They breed thrice a year; the latter end of *April*, in *May*, and towards the latter end of *June*.

They build uſually in holes of hollow Trees, or under houſe-eaves: She is the ſhieſt bird I know, of her building; for when ſhe is about her Neſt, if ſhe perceive any look on, ſhe forſakes it; and if you touch an Egg ſhe never comes more to the Neſt; and if ſhe have young ones and you do the like, ſhe will either ſtarve them, or break their Necks over the Neſt.

Now

Now though the old ones are thus dogged, yet if you bring up their young, their nature will alter, and become very tame.

You muſt take them out of the Neſt about ten daies old; if they ſtay longer, they will learn ſomewhat of the old one's ſullen temper. You muſt feed them with Sheeps-heart and Eggs chopped and mixt together, about the quantity of three white Peas, upon the end of a Stick, when they open their mouths: when they will thus feed, put them into a Cage with meat about it, and a Pan of meat therein; and though he feed himſelf, yet it will be very ſparingly for four or five daies, wherefore you muſt now and then feed him your ſelf. Keep him warm in the Winter, and he will ſing as well in the night as the day.

Of the BUL-FINCH.

THe *Bull-finch* hath no Song of his own, nor whiſtle neither, but is very apt to learn any thing almoſt, if taught by the mouth.

Of the GREEN-FINCH.

THis Bird is not worth a keeping for his Song, but for his colour, and being a hardy heavy Bird to ring the Bells.

They breed very ſillily by the High-way-ſide, and early before the Hedges have Leaves upon them; which cauſes every one to ſee their Neſts at firſt, ſo that ſeldom their firſt Neſts come to any thing. They breed three times

times a year, and the young ones are very hardy birds to be brought up. You may feed them with white Bread and Rape bruiſed and ſoaked together: He is apter to take the Whiſtle than another Bird's Song. All that can be ſaid of him, he is a very dull Bird, and will never kill himſelf either by ſinging or whiſtling.

Of the HEDGE-SPARROW.

THis is not ſo deſpicable a bird as ſome would have it; for if you will minde its Song, you will finde very delightful Notes, and ſings early in the Spring with great variety. Old or young become tame very quickly, and will ſing in a ſhort time after they are taken; ſo that you take them at the latter end of *January* or beginning of *February*: they will feed almoſt on any thing you give them.

They commonly build in a White-thorn or private Hedge, laying Eggs much different from other Birds, being of a very fine blue colour. This Bird is very tractable, and will take any bird's Song almoſt, if taken young out of the Neſt. I ſhall onely ſpeak a few Experiments of others, and deliver ſome Obſervations of my own concerning the length of Birds lives, and which are moſt proper for whiſtling, and ſo ſhall end this Treatiſe.

Firſt, As to the length of Birds Lives: Among *Nightingales* ſome live but one year, ſome three, ſome five, ſome eight, and ſome twelve; ſinging better and better for the firſt ſeven or eight years, and after that decline by little and little: They muſt have careful Keepers that can preſerve their lives to the fifth year; experience

experience informs us, where one lives to that age, an hundred die.

The *Wood-lark* ſeldom lives in a Cage above ſix years, and hardly five.

The *Robin-red-breaſt* rarely lives above ſeven years; for he is a tender Bird, and much ſubject to the Falling Sickneſs, Cramp, and oppreſſion of the Stomack.

The *Skie-lark* as he is a hardy bird, ſo he is long liv'd alſo. All ſorts of Seed-birds live longer than any ſoft-Beak'd birds, eſpecially the *Canary* and *Linnet*. I have known a *Canary-bird* live and ſing within a year of twenty; in like manner the *Linnet*.

So much as to the Lives of Singing Birds; let us now conſider which are moſt fit for Whiſtling.

In the firſt place I look upon the *Starling* to be the beſt; and never heard better than at the *Grey-Hound* in St. *Mary Ax*, taught and ſold by the ingenious Maſter of that Houſe. But ſince I have ſpoken of the *Starling* and *Bull-finch* already, I ſhall inſiſt no farther.

The *Black bird* hath a kinde of rude Whiſtle; and if young taken out of the Neſt, is very apt to learn.

The *Robin-red-breaſt* is a moſt incomparable bird for the Whiſtle, and to Speak alſo. A *Robin* is a hot-mettled Bird, and therefore he muſt not be in the hearing of another; wherefore if you breed two, let them be ſeparated into two ſeveral Rooms, that they may not hear, and ſo conſequently ſpoil each other.

The *Canary-bird* will learn to Whiſtle any thing almoſt if taken young out of the Neſt, otherwiſe not; for being a very hot-mettled Bird, he will run upon his own Song do what you can.

The *Linnet* will learn any Tune almoſt, if not too

long, and too full of variety. Learn him one tune first, then another, keeping him dark and still, out of the noise of other Birds.

Take this for a general rule for all Birds, that the younger they be, the better they will prove, and answer your expectation for all your trouble and pains in bringing up and keeping them.

An

An Abſtract of ſuch STATUTE-LAWS As concern FOWLING.

Stat. 11 Hen. 7. cap. 17.

NOne ſhall take Pheaſants or Partridges with Engines in another's ground without Licenſe, in pain of 10 l. to be divided betwixt the Owner of the Ground and Proſecutor.

Stat. 25 Hen. 8. cap. 11.

None ſhall deſtroy or take away the Eggs of any Wild-Fowl, in pain to forfeit for every Egg of a Crane or Buſtard ſo taken or deſtroyed 20 d. Of a Bittern, Hern, or Shoveland 8 d. And of a Mallard, Teal, or other Wild-Fowl 1 d. to be divided betwixt the King and the Proſecutor.

Stat. 23 Eliz. cap. 10.

None shall Kill or Take any Pheasants or Partridges with any Net or Engine in the night-time, in pain to forfeit for every Pheasant 20s. And for every Partridge 10s. which if the Offender pay not within ten days, he shall suffer one moneths Imprisonment without Bail, and enter into Bond (for two years) with good Sureties before some Justices of Peace, not to offend in the like kinde.

II. None shall Hawk or Hunt with his Spaniels in standing Grain, or before it is Stocked (except in his own Ground, or with the Owner's consent) in pain to forfeit 40s. to the Owner of the said Ground, to be recovered as aforesaid.

This Act shall not restrain Fowlers who unwillingly take Pheasants or Partridges, and forthwith let them go at large.

Stat. 1 Jacob. cap. 27.

Every person convicted by his own Confession, or by two Witnesses upon Oath, before two or more Justices of Peace, to have Killed or Taken any Pheasant, Partridge, Pigeon, or other Game; or to have taken or destroyed the Eggs of Pheasants, Partridges, or Swans, shall by the said Justices be committed to prison without Bail, unless he immediately pay to the use of the Poor where the Offence was committed

ted, or he apprehended, 20 s. for every Fowl or Egg so killed, taken or destroyed; and after one Moneths Commitment shall before two or more Justices of Peace be bound with two sufficient Sureties in 20 l. apiece, with condition never to offend in the like kinde again.

II. Every person convicted as abovesaid, to keep a Grey-hound, Dog, or Net to kill or take Deer, Hare, Pheasant or Partridge (unless he have Inheritance of 10 l. per Annum, a Lease for life of 30 l. per Annum, or be worth 200 l. in Goods, or otherwise be the Son of a Baron or Knight, or Heir apparent of an Esquire) shall suffer Imprisonment as aforesaid, unless he pay 40 s. to the use abovesaid.

III. None shall sell, or buy to sell again any Pheasant or Partridge, (except by them reared up or brought from beyond Sea) in pain to forfeit for every Pheasant 20 s. and every Partridge 10 s. to be divided betwixt the Prosecutor and the Poor of the parish where such Offence is committed.

Stat. 7 Jacob. cap. 11.

Every person convicted by his own Confession, or by two Witnesses upon Oath, before two or more Justices of Peace, to have Hawked, or destroyed any Pheasant or Partridge, betwixt the first of July and the last of August, shall suffer one Moneths Imprisonment without Bail, unless he pay to the use of the Poor where the Offence was committed

mitted, or he apprehended 40 s. for every time so Hawking, and 20 s. for every Pheasant or Partridge so taken or destroyed: But this Offence shall be prosecuted within six moneths after it shall be committed.

II. It shall be lawful for the Lord of a Mannor, or any having free Warren, Inheritance of 40 l. per Annum, Free-hold of 80 l. per Annum, or Goods worth 400 l. or their Servants (Licensed by them) to take Pheasants or Partridges within their own Grounds or Precinct, so they do it in the day-time, and onely betwixt Michaelmas and Christmas.

III. If any person of a mean condition shall be convicted by his own Confession, or by one Witness upon Oath before two or more Justices of the Peace, to have Killed or Taken any Pheasant or Partridge with Dogs, Nets, or Engines, he shall by the said Justices be Committed to Prison without Bail, unless he pay to the use of the Poor where the Offence was committed 20 s. for every Pheasant or Partridge so killed or taken: And also become bound before one or more Justice of Peace in a Recognizance of 20 l. never to offend in the like kinde again.

IV. Every Constable or Headborough (upon Warrant under the hand of two Justices of Peace) hath power to search the Houses of persons suspected to have any

any Setting-Dogs or Nets for the taking of Pheasants, or Partridges; and the Dogs or Nets there found to kill and cut in pieces at pleasure, as things forfeited unto the said Officers.

v. He that shall be punished by vertue of this Act, shall not be punished again by vertue of any other Law for the same Offence.

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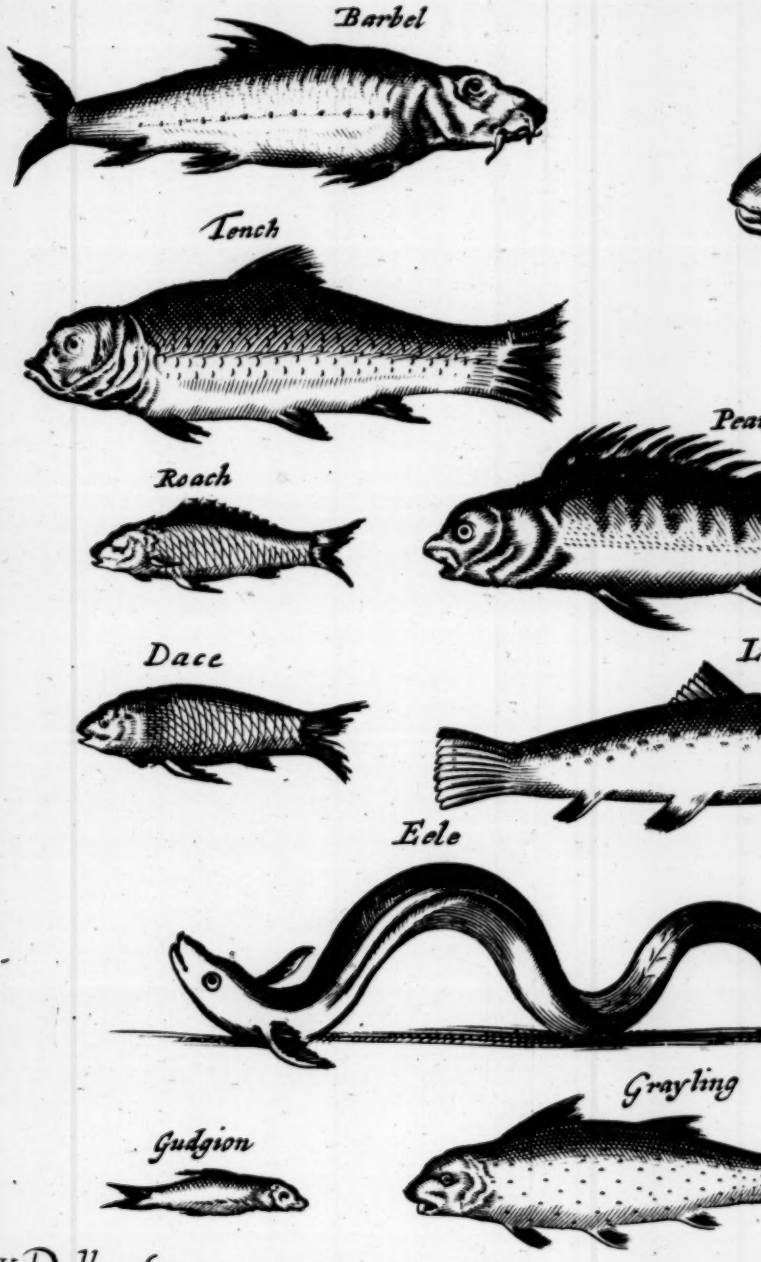

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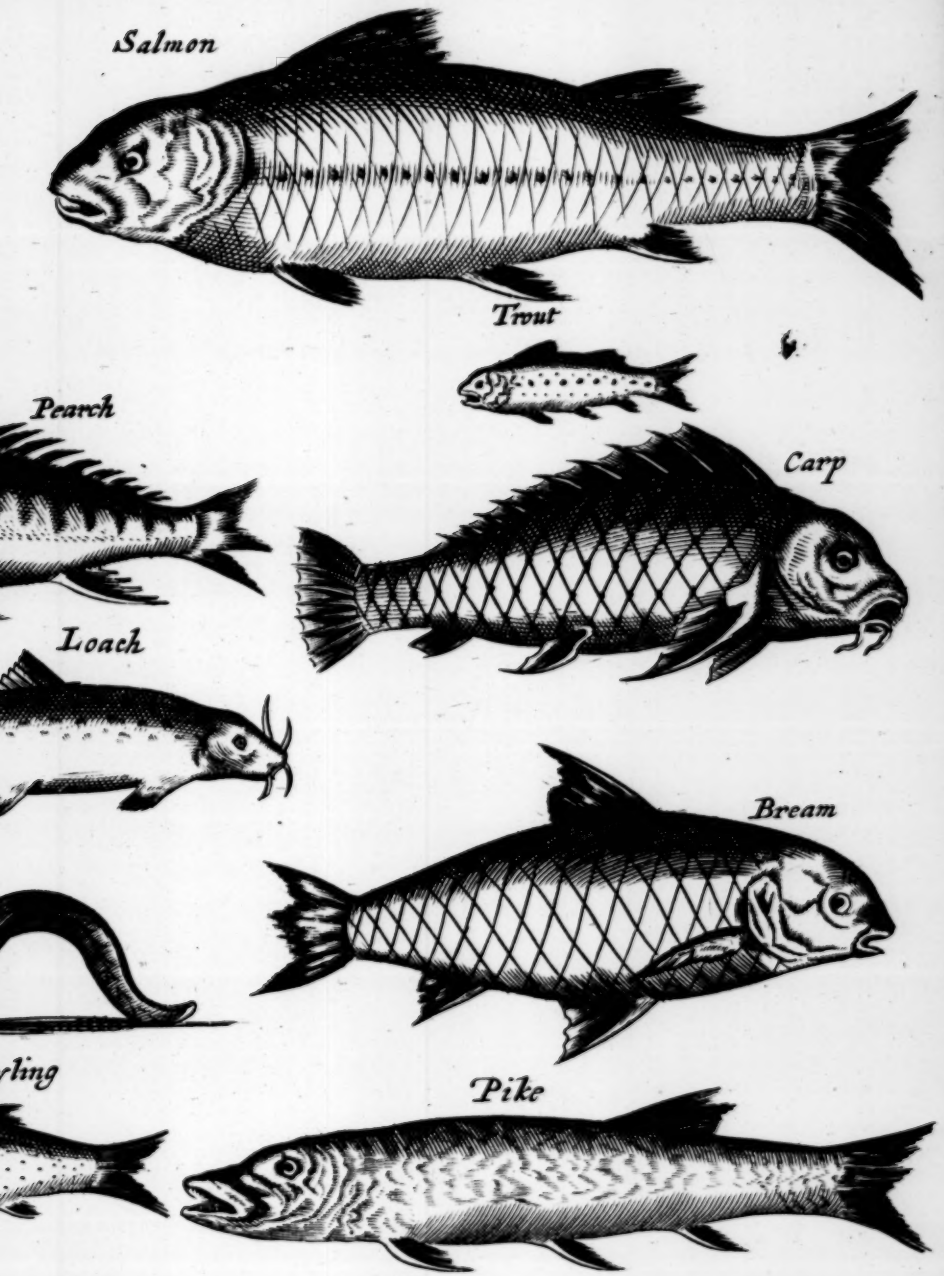
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Pike

THE

GENTLEMAN'S Recreation:

Containing

DIRECT RULES

FOR THAT

NOBLE & DELIGHTFUL

ART OF

ANGLING:

Whereunto is annexed

An Abſtract of all ſuch Statute or penal Laws relating to that Curious Art.

The Fourth PART.

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Charles Chadwick
Mayeoyn=Ridware
Dec: 1784.

OF FISHING.

The Introduction.

ANGLING is an excellent Art, which as it pleads great Antiquity, ſo the knowledge thereof is with much difficulty to be obtained: and indeed it bears ſome ſimilitude to Poetry in this, that as it is ſaid, *Poeta naſcitur, non fit*, ſo ought the *Piſcator* or Fiſher-man to have a natural inclination unto the Art of Angling, or his knowledge therein will be always dull and imperfect; not but that it may be much heightned by practice and experience.

Now he that intends to be his Crafts-maſter in this harmleſs Paſtime or Recreation, muſt not onely diligently ſearch and enquire into the Myſteries and depths of this Art, but muſt alſo be furniſhed, as aforeſaid, with a natural propenſity thereunto, attended with Hope and Patience: And having gotten by obſervation and practice a competent knowledge, or having

conquer'd the difficulties of Angling, it will then not onely prove pleaſant, but profitable, and be like Vertue, a Reward to it ſelf.

Now that I may farther commend this ingenious profeſſion, be pleaſed to take notice of the Antiquity thereof; ſome ſaying it is as ancient as *Deucalion*'s Flood. Some attribute it to the invention of one *Belus*, the firſt Author of vertuous Recreations. Others ſay that *Seth* left the knowledge of Angling to his poſterity ingraven on brazen Pillars with the firſt Rudiments of the Mathematicks, and other uſeful Arts; by which means they were preſerved from periſhing in the univerſal Deluge.

Divers are the opinions of men concerning the Antiquity of this Art: let it ſuffice, that certainly it is older than Chriſt's Incarnation; for both *Job* and the Prophet *Amos* make mention of Fiſh-hooks, and conſequently there muſt be Anglers then in thoſe days.

The next thing that offers it ſelf in the commendation of this Art, is the benefit of Contemplation, which is acquired hereby; which is a thing (according to the opinion of ſome learned Cloiſter'd men) to be preferred before Action, becauſe (ſay they) it makes us mortals the nearer to come to the Creator by way of imitation; for he is all Contemplation of his own infinite Power, Goodneſs, *&c.*

But waving this, I cannot let ſlip the expreſſion of an ingenious Forreiner, who ſaid, *That Rivers and the Inhabitants of the watry Element were made for wiſe men to contemplate, and fools to paſs by without conſideration.* Modeſty will not permit me to rank my ſelf in the number of the firſt; and I ſhall endeavour to clear my ſelf from the ſcandal of the laſt, by giving you a ſhort account of Rivers and their watry Inhabitants.

I ſhall firſt diſcourſe of Rivers: one whereof I have read

read of, ſcituate in *Epirus*, which hath a ſtrange double and contrary property; the one is, that it will extinguiſh any Torch that is lighted: and the other is, to light a Torch never lighted before.

The River *Silarus* in a few hours will (as report ſaith) convert a Rod into Stone. And I my ſelf know a Lough in *Ireland*, that in ſome years will convert Wood into Stone, of which are made the beſt Hones. *Cambden* makes mention of a Well near *Kerby* in *Cumberland*, that ebbs and flows ſeveral times every day.

The ſame Author makes mention of the River *Mole* in *Surrey*, which, running ſeveral miles under ground, being oppoſed by Hills, at laſt breaks out again ſo far off, that the Inhabitants thereabout boaſt (as the *Spaniards* of the River *Ama*) that they feed ſeveral Flocks of Sheep on a green Bridge. There is ſuch another green Bridge in *Wales*, the River running a great way under ground, and there diſemboguing it ſelf into the Sea. Some thereabout report, that they have put a living Gooſe into the Hole where the Water falls, and ſhe hath ſwam out at the other end; but with no Feathers on her back.

Mr. *Thomas May* in his Hiſtory of *The Raign of King* Henry *the ſecond*, relates two ſtrange things from *Gricaldus Cambrenſis*, of certain Wells in *Ireland*. His Words are theſe:

A Well there is in Munſter *to be ſeen,*
Within whoſe Waters whoſoe're hath been
Once drench'd, his Hair ſtreight takes an hoary dye.
Another Fountain of quite contrary
Effect to that in Ulſter *ſprings; for there*
Thoſe that have waſhed once, how old ſoe're,
Shall never after have an hoary Hair.

Another thing, though againſt Nature, yet for the ſtrangeneſs of it I cannot chooſe but relate, and that is of a certain River neer *Harwood* in *Bedford-ſhire*, which in the year of our Lord 1399, (a little before the Civil Wars between the Houſes of *York* and *Lancaſter* burſt forth) of a ſudden ſtood ſtill, and divided it ſelf aſunder, ſo that men might paſs three miles together on foot down the midſt of the Channel, leaving the Waters like a Wall behinde them. *Speed* in his deſcript. *Bedford.*

I ſhall conclude with two of the ſtrangeſt Rivers that ever were heard of. The firſt is a River called *Eleuſina*, which is ſo merrily diſpoſed, (if you will believe a man of no leſs Authority than *Ariſtotle*) that it will dance to a Fiddle, bubling at the noiſe of Muſick, and will grow very muddy; but as ſoon as the Muſick ceaſeth, it ceaſeth its motion, returning to its former calmneſs and clearneſs. The other is as wonderful, and (if you will believe *Joſephus* that learned *Jew*) it is a River in *Judæa*, which runs very ſwiftly all the ſix days of the Week, but reſteth on the ſeventh, which is the Jewiſh Sabbath.

And now a word or two concerning Fiſh: *Pliny* ſaith, That Nature's great and wonderful power is more demonſtrated in the Sea than on the Land: and this may appear by thoſe numerous and various Creatures which inhabit in and about that Element; which will appear more at large, if you will read their Hiſtory written either by *Rondeletius*, *Geſner*, *Johnſtonus*, or *Aldrovandus*. The number and the various ſhapes of theſe Fiſhes are not more ſtrange, than their different Natures, Inclinations and Actions. Give me leave to ſpeak a little hereof.

There is a Fiſh called the *Cuttle-fiſh*, which will caſt a long Gut out of her Throat, with which ſhe angles: For lying obſcurely in the Mud, ſhe permits ſmall

ſmall fiſh to nibble at it, and by that means draws them near her by little and little, till coming within her reach, ſhe leaps upon them and devours them: hence ſhe is called the *Sea-Angler*.

The *Hermit* is a Fiſh that when ſhe grows old will ſeek out a dead Fiſh's ſhell, fit for her purpoſe, and there dwell ſecluded from all company, ſtudying nothing more than how to defend her ſelf againſt the injuries of Wind and Weather.

The *Sargus* is a Fiſh ſo laſcivious, (as *Du-Bartas* expreſſeth it rarely well) that when he cannot finde change of Mates enough in the Sea, he will get aſhore and Cuckold a Goat.

Goes courting She-Goats on the graſſie Shore,
Horning their Husbands that had Horns before.

Whereas it is reported that the *Mullet* is ſo chaſte, that when ſhe is deprived of her Mate, ſhe will follow him to the ſhore and die.

The *Torpedo*, or *Cramp-fiſh*, is a Fiſh of ſo baneful and poyſonous a nature, that all other Fiſh that come within her reach are immediately ſtupified and without motion, ſo that they eaſily become her prey; nay, ſhe will ſo ſuddenly convey her Poyſon up the Rod and Line of the Angler, when ſhe feels her ſelf entangled, that his Hands and Arms immediately loſing their ſtrength, become nummed and ſenſeleſs.

The *Scolopendra* hath as rare and ſtrange a way of defending her ſelf from the Anglers ſubtilty, as any Fiſh whatever, if we may credit the relation of *Du-Bartas*, whoſe words are theſe:

But if the Scolopendra *have ſuckt in*
The ſowre-ſweet morſel with the barbed pin,
She hath as rare a Trick to rid her from it;
For inſtantly ſhe all her Guts will vomit;
And having clear'd them from the danger, then
She fair and ſoftly ſups them in again,
So that not one of them within her Womb
Changeth his Office or his wonted room.

The *Remora* is a Fiſh of ſo ſtrange and ſecret a property (and for that reaſon is often uſed for a Metaphor) that as the ſame *Du Bartas* ſaith,

Let all the Winds in one Wind gather them,
And (ſeconded with Neptune's *ſtrongeſt ſtream)*
Let all at once blow all their ſtiffeſt gales,
Aſtern a Galley under all her ſails;
Let her be holpen with an hundred Oars,
Each lively handled by five luſty Rowers;
The Remora *fixing her feeble Horn*
Into the Tempeſt-beaten Veſſels Stern,
Stays her ſtone ſtill.

In the year of our Lord 1180, near *Orford* in *Suffolk*, there was a Fiſh taken in the perfect ſhape of a Man; he was kept by *Bartholomew de Glanvile* in the Caſtle of *Orford* above half a year; but at length, not being carefully looked to, he ſtole to the Sea, and was never ſeen after. He never ſpake, but would eat any Meat that was given him, eſpecially raw Fiſh, when he had ſqueezed out the juice: He was often had to Church, but never ſhewed any ſigne of Adoration.

Let what is already ſpoken of Fiſh ſuffice, ſince it will not onely be impertinent to enlarge farther, but impoſ-

impoſſible here to give an account of the natures of all Fiſh: I ſhall therefore refer you to ſuch Authors who have made it their buſineſs thereof to write great Volumes.

Before I put an end to this Introduction, permit me to inſert ſomething in praiſe of *Fiſhermen* and *Fiſhing*.

A ſhort Encomium, or ſomewhat in praiſe of Fiſher-men *and* Fiſhing.

IT is very remarkable, that amongſt the twelve Holy Apoſtles there were four of them Fiſher-men, whom our Saviour elected and inſpired to preach the Goſpel. And the reaſon that ſome give for this choice is, that he knew and found the hearts of ſuch men naturally more fitted for Contemplation and quietneſs, having Spirits milde, ſweet, and peaceable.

Beſides, our Saviour ſeems to have a more than common reſpect for their Occupation, for two reaſons. Firſt, He never reproved theſe for their Profeſſion, as he did others, *viz.* the Scribes and Money-changers. Next, He dignified theſe poor Fiſher-men with the priority of Nomination in the Catalogue of his twelve Apoſtles. Nay, that which is more obſervable is this, that our Saviour took onely three of theſe Fiſher-men with him when he aſcended the Mount to bear him company at his Transfiguration.

Now as to the lawfulneſs of Fiſhing, I think none can ſpeak againſt it, ſince our Saviour himſelf commanded St. *Peter* to fiſh to pay *Cæſar* his Tribute.

And as the Ancients have highly applauded and approved

proved of this ingenious Exerciſe, ſeveral of the Hero's of old, in the height of their glory, having exerciſed themſelves herein: ſo ſeveral of our eminent late Divines have done the like; as Dr. *Whitaker*, learned *Perkins*, Dr. *Nowel* Dean of St. *Pauls London*, and the incomparable Sir *Henry Wotton* Provoſt of *Eaton*-Colledge, who was a great lover of Angling, and would frequently ſay thereof, That it was after his Study a Reſt to his minde, a Chearer to his Spirits, a Diverter of ſadneſs, a Calmer of unquiet thoughts, a Moderator of Paſſions, a procurer of Contentedneſs; and that it begot habits of Peace and Patience in thoſe that profeſs and practice it. And thus I conclude the praiſe of *Angling*, though much more might be ſpoke thereof.

How to improve Fiſh-ponds, and the Fiſh therein contained.

BEfore I ſhall lay down ſuch Obſervations and Inſtructions, which with much pains and coſt I have collected, to render a Fiſher-man compleat in that delightful Exerciſe of taking Fiſh: I ſhall give an account of Ponds, and how they may in the beſt manner be improved.

Imprimis. Conſider the ſcituation of your Pond, and the nature of thoſe Currents which run into it. In the next place, obſerve whether it be a Breeder or not: If it be a Breeder, Experience will inſtruct you never to expect any large *Carps* from ſuch Ponds; for the greatneſs of the number of the Spawn will overſtock the Pond; therefore for large *Carps* a Store-pond is ever accounted beſt.

Now

Now to make a Breeding-pond become a Store-pond, when you cannot make a Store-pond become a Breeding-pond, thus you muſt do. When you ſue your pond, conſider what quantity of *Carps* it will maintain; then put in all Milters, or all Spawners, by which means in a little time you will have Carps that are both large and fat beyond your expectation. By putting in but one ſex of them, there is an impoſſibility of encreaſing of them; but of the *Roach* it will notwithſtanding multiply abundantly: Therefore it is needful, and altogether neceſſary for ſuch who keep Breeding-ponds, to ſue them once in three years, for fear of the encreaſe of *Roaches*, though none were ever put in; which may ſeem very ſtrange, if the truth thereof could not be made manifeſt; as thus: there are ſeveral ponds frequented by Wilde-ducks, which uſually come at nights to feed with the Tame ones there abiding: Now thoſe Wilde-ducks bring theſe *Roaches* with them, for their feeding amongſt Weeds in Rivers.

Beſides, the Spawn of *Roaches* will hang about their Feet and Feathers, which is waſhed off by the Water of thoſe ponds they are accuſtomed to haunt; by which means in a few years they become ſo numerous, though you your ſelf did not put one into the Breeding-pond; for which cauſe you finde your *Carps* ſo lean, and almoſt hunger-ſtarved.

By the way, give me leave to inſert this true ſtory. A Gentleman, not far from the City of *London*, had a large pond of about four Acres of ground; a Gentleman ſtanding by at the ſuing thereof, and ſeeing not only a great quantity of Fiſh, but the beſt grown that ever he ſaw, he adviſed him to put in two or three hundred of ſtores of *Carp*, about three or four years growth, out of a pond that was over-ſtocked, and to put ſixty of thoſe he had taken out; which accor-

accordingly he ſaw done, fancying to ſee ſtately *Carps* at the next ſuing.

After the expiration of four years, this Gentleman was adviſed to ſue his pond, to ſee what Monſters four years addition to their growth would produce; for thoſe ſixty *Carps* were from Eye to Fork from fifteen Inches to eighteen Inches when he put them in: now having ſued his pond, he found almoſt the whole number of his *Carps*; but they were in ſuch a lean condition, that he did not know them; for they were Monſters in Nature, their Heads being bigger than their whole Bodies, and almoſt as heavy: and this happen'd it ſeems by his own folly, by putting in but twenty *Roaches*; and when the Pond was ſued there were buſhels of ſmall *Roaches*, and theſe *Roaches* eat up all the ſweet feed from the *Carps*; for *Roaches* are like Sheep to great Cattle, which eat up and devour all the ſweet feed, and what affords the greateſt nutriment. This Gentleman was very much fruſtrated of his expectation; and the Fiſhmonger which came from *London* to buy a penny-worth, as ſoon as he perceived the Monſters, he mounted his Horſe and rid as if the Devil drove him, not ſo much as bidding the Gentleman farewel. Here is to be noted, that Ponds which will not breed one *Carp*, *Roaches* in one year will multiply by thouſands; therefore you muſt be careful every year to view your Pond, and obſerve if any ſuch fry appears, leſt when you come to ſue your pond, you be deceived in your expectation.

How to make Carps *grow to an extrodinary bigneſs in a Pond.*

PErceiving about the month of *April* that your pond begins to grow low in Water, then with an Iron-Rake

Rake, rake all the ſides of your pond where the Water is fallen away; then ſow ſome Hay-ſeeds, and rake it well; by this means at the latter end of Summer there will be a great growth of Graſs; which when Winter comes, and the pond being raiſed by Rain to the Top, will overflow all that Graſs; and then the *Carps* having Water to carry them to the ſeed, will fill themſelves, and in a ſhort time become as fat as Hogs that are kept up for that purpoſe: Do this every Summer till you ſue your pond, and you will finde no River-*Carp* to ſurpaſs them either in fatneſs or ſweetneſs.

General Obſervations to be underſtood by all ſuch who deſire to attain to the compleat and perfect art of Angling.

BY no means fiſh in light and dazling Apparel, but let your Cloathing be of a dark dusky colour.

Whereſoever you uſe to angle (for the Angler hath his peculiar Haunts) caſt in once in four or five daies Corn boiled ſoft; if for *Carp* and *Tench*, oftner: alſo you may caſt in Garbage, Livers of Beaſts, Worms chopt in pieces, or Grains ſteep'd in Bloud and dried. This will attract the Fiſh unto the place: and to keep them together as you fiſh, throw in half a handful of Grains of ground Malt. This muſt be done in ſtill Water; but in a Stream you muſt caſt your Grain above your Hook, and not about it; for as they float from your Hook, ſo will they draw the Fiſh after them.

If

If you will bait a Stream, get ſome Tin-boxes made full of holes, no bigger than juſt fit for a Worm to creep through; then fill theſe Boxes with them, and having faſtned a Plummet to ſink them, caſt them into the Stream with a String tied thereto, that you may draw them forth when you liſt. By the ſmalneſs of the Holes aforeſaid, the Worms can crawl out but very leaſurely, and as they crawl the Fiſh will reſort about them.

If you would bait for *Salmon*, *Trout*, *Umber*, and the like, in a Stream, then take ſome Bloud, and therewith incorporate fine Clay, Barley, and Malt ground, adding thereto ſome Water; make all into a Paſte with Gum of Ivy; then form it into Cakes, and caſt them into the ſtream. Some will knead or ſtick Worms therein faſt by the head. If you finde your Bait take no effect in the attracting of the Fiſh, you may then conclude ſome *Pike* or *Pearch* lurketh thereabout to ſeize his Prey, for fear of which the Fiſh dare not venture thereabout: you muſt therefore remove theſe obſtructions of your ſport, by taking your Trowl; and let your Bait be either Brandlings or Lob-worms; or you may uſe Gentles or Minows, which they will greedily ſnap at.

Keep your Rod neither too dry nor too moiſt, leſt the one make it brittle, and the other rotten. If it be very ſoultry dry Weather, wet your Rod a little before you Angle: and having ſtruck a good Fiſh, keep your Rod bent, and that will hinder him from running to the end of the Line, by which means he will either break his hold or the Hook.

If you would know what Bait the Fiſh loves beſt at the time of your fiſhing, having taken one, ſlit his Gill, and take out his Stomach, and open it without bruiſing, and there you will finde what he laſt fed on and had a fancy to; by which means you may bait your Hook accordingly. When

When you fiſh, ſhelter your ſelf under ſome Buſh or Tree, or ſtand ſo far from the brink of the River that you can onely diſcern your Float: for Fiſh are timorous, and are affrighted at the leaſt ſight or motion. The beſt way of Angling with the Fly is down the River, and not up, as you will finde by experience.

You never need make above half a dozen trials in one place, either with Fly or Ground-bait, when you angle for *Trout*; for by that time he will either offer to take, or refuſe the Bait, and not ſtir at all.

If you will have Fiſh bite eagerly and freely, and without ſuſpition, you muſt preſent them with ſuch Baits as naturally they are inclined to, and in ſuch manner as they are accuſtomed to receive them.

If you uſe Paſtes for Baits, you muſt adde Flax or Wooll, otherwiſe the Paſte will waſh off the Hook.

The Eyes of ſuch Fiſhes as you kill, are moſt excellent Baits on the Hook for almoſt any ſort of Fiſh.

Laſtly, make not this or any other Recreation your dayly practice, leſt your immoderate Exerciſe therein bring a Plague upon you rather than a pleaſure.

Aſtrological Elections for Angling in general.

IF as the Wiſe man ſaith, (and I think there is none that dare queſtion his Authority) that *There is a proper time and ſeaſon for every action under the Sun*, I hope it will not be offenſive nor impertinent to ſhow what times and ſeaſons the intelligent Angler ought to make choice of, that may anſwer his expectation. For my own part, I have ſo often experimented the truth of theſe Rules, that by my good will I would never

never Angle but at an elected time: the ingenious will not deſpiſe them, and for others they were not intended: And they are theſe;

If you would Neptune's *ſcaly Subjects get,*
Nights horned Queen in the Midheaven ſet: ☽
Thence let her on the Paphian *Goddeſs ſhine* ♀
I'th' Weſt, and greet her with a friendly Trine.
Be ſure you always fortifie the Eaſt,
And let the Maiden-Star poſſeſs the Weſt: ☿
However let ſome Aquatick Signe aſcend, ♋.♏.♓.
And let all power his happy Lord attend.
Then ſee the ſetting Conſtellation be
Afflicted by ſome hateful Enemy, ♂
At leaſt his Lord: the ſixth with ſtrength defend;
Let active power his Radiant Lord attend.
Then may you boldly venture to the Flood,
And take from thence what Fiſhes you ſee good.

What proviſion is to be made for Angling-Tools.

THe time of providing Stocks is in the Winter-Solſtice, when the Trees have ſhed their Leaves, and the Sap is in the Roots: For after *January* it aſcends again into the Trunk and Branches, at which time it is improper to gather Stocks or Tops.

Let your Stocks be taper-grown, and your Tops the beſt Ruſh-ground-ſhoots you can get, not knotty, but proportionable and ſlender; otherwiſe they will neither caſt nor ſtrike well, and by reaſon of their unpliableneſs your Line will be much endanger'd.

Having gathered your Stocks and Tops all in one ſeaſon,

as ſtraight as you can, bathe them, ſaving the Tops, over a gentle fire, and uſe them not till fully ſeaſoned, till about a year and four months: they are better if kept two years.

Now to preſerve theſe Stocks or Tops from rotting, or worm-eating, rub them over thrice a year with Sallet or Linſeed-oyl; ſweet Butter will ſerve, if never ſalted; and with any of theſe you muſt chafe well your Rods: if bored, pour in either of the Oyls, and let them bathe therein twenty four hours, then pour it out again; and this will preſerve your Tops and Stocks from injury.

How to joyn the Stock or Top together, or how to make all ſorts of Rods for Fly, Ground, or otherwiſe, with what lengths are beſt for ſeveral ſorts of Fiſhing, I need not here relate; ſince without putting your ſelf to the trouble, you may purchaſe them of ſuch as ſell them at no dear rates.

How to make a Line after the beſt manner.

LEt your Hair be round, and twiſt it even, for that ſtrengthens the Line; and let your Hair, as near as you can, be of an equal bigneſs: then lay them in Water for a quarter of an hour, by which means you will finde which of the Hairs do ſhrink; then twiſt them over again.

Some intermingle ſilk in the twiſting, but I cannot approve of it; but a Line of all ſilk is not amiſs; alſo a Line made of the ſmalleſt Lute-ſtring is very good, but that it will ſoon rot by the Water.

The beſt colour for Lines is the ſorrel, white, and grey; the two laſt for clear waters, and the grey for muddy Rivers: neither is the pale watry green to be contemned, which colour you may make after this manner:

Take a pint of ſtrong Ale, half a pound of Soot, a ſmall quantity of the juice of Walnut-leaves, with the like quantity of Alume; put theſe into a Pipkin, and boil them together about half an hour: Having ſo done, take it off the fire, and when it is cold put in your Hair. Or thus:

Take a pottle of Alume-water, ſomewhat more than a handful of Marigold-flowers, boil them till a yellow ſcum ariſe; then take half a pound of green Copperas, with as much Verdegreece, and beat them together to a fine powder: put theſe with the Hair into the Alume-water, and let it lie ten hours or more; then take the Hair out, and let it dry.

In the making your Line leave a *Bought* at both ends, the one to put it to and take it from your Rod, the other to hang your loweſt link upon to which your Hook is faſtned; and ſo you may change your Hook as often as you pleaſe.

Of the Hook, Flote, *and other things worth the Obſervation.*

YOur Hook ought to be long in the ſhank, ſomewhat round in its circumference, the point ſtanding even and ſtraight; and let the bending be in the ſhank.

Uſe ſtrong, but ſmall ſilk, in the ſetting on of your Hook, laying the Hair on the inſide of your Hook: for if it be on the outſide, the ſilk will fret and cut it aſunder.

As for the Flotes, there are divers ways of making them: Some uſe your *Muſcovy*-Duck-quills, which are the beſt for ſtill Waters; but for ſtrong ſtreams take good ſound Cork without flaws or holes, and bore it through with a hot Iron; then put into it a Quill

Quill of a fit proportion; then pare your Cork into a Pyramidal form of what bigneſs you think fit; after this grinde it ſmooth.

To plum your Ground, you muſt carry with you a Muſquet-bullet with a hole made through it, tying this to a ſtrong twiſt, hang it on your Rod, and ſo you will finde the depth of the Water.

And that you may not incommode your Tackle, it will be very requiſite to make ſeveral partitions in pieces of Parchment ſowed together, by which each Utenſil may have a place by it ſelf.

In any wiſe forget not to carry a little Whetſtone with you, to ſharpen your Hooks if you finde them blunt and dull.

I need not adviſe you how to carry your BOB and PALMER, or put you in minde of having ſeveral Boxes of divers ſizes for your Hooks, Corks, Silk, Thread, Lead, Flies, *&c.* or admoniſh you not to forget your Linnen and Woollen Bags for all ſorts of Baits; but let me forewarn you not to have a PAUNDER that is heavy, for it can never be light enough: thoſe which are made of Oſiers I think are the beſt.

Laſtly, forget not to carry with you a ſmall Pole with a Loop at the end thereof, to which you may faſten a ſmall Net to land great Fiſh withal.

There is another way much better, and that is by the Landing-hook, which hath a Screw at the end of it to ſcrew it into the Socket of a Pole: to which Socket may be fitted alſo two other Hooks, the one to pull out Wood, and the other ſharp to cut away Weeds.

Of Flies *Natural and Artificial, and how to use them.*

NAtural *Flies* are innumerable, there being as many kinds as there are different sorts of Fruits: to avoid prolixity, I shall onely name some of them, *viz.* the *Dun fly*, the *Stone* or *May fly*, the *Red Fly*, the *Moor-fly*, the *Tawny-fly*, the *Shell-fly*, the *Cloudy* or *Blackish-fly*, the *Flag-fly*, the *Vine-fly*; also *Caterpillers*, *Canker-flies*, and *Bear-flies*, with thousands more which frequent Meadows and Rivers, for the contemplation of all, but particularly the recreation of Anglers.

These come in sooner or later, according to the season of the year, that is, sooner or later according to the forwardness or backwardness of the Spring; for Flies being bred of putrefaction, commence their being according as the Heat doth further the seminal vertue unto animation.

I cannot prescribe you Rules to know when each Fly cometh in, and is most grateful to every sort of Fish; and therefore I shall leave the knowledge hereof to your own observation.

Moreover, there are several sorts of Flies according to the several natures of divers Soils and Rivers, or diversity of Plants; yet some there are common to all, although but few.

All Flies are very good in their seasons for such Fish as rise at the Fly; but some more peculiarly good, as being better beloved by some sort of fish.

Fish generally rise at these Flies most eagerly when most sorts of Flies resort to the Water-side, hanging in a manner in clusters on Trees and Bushes, delighting themselves to skip thence to play upon the

the water; and then do the fiſh ſhew their craft in catching them.

To the intent you may the better know what kinde of Fly the fiſh then moſt covet, obſerve thus to do; coming in the Morning to the River-ſide, beat the Buſhes with your Rod, and take up what variety you may of all ſorts of Flies, and try them all; by which means you will quickly know which are in greateſt eſtimation among them. Not but that they will change their Fly ſometimes, but then it is when they have glutted themſelves therewith for five or ſix days together, which is commonly upon the going out of that Fly: for Fiſh never covet that Fly more than when there is greateſt plenty, contemning them at their firſt coming in.

There are two ways to fiſh with theſe natural Flies; either on the ſurface of the water, or a little underneath it. Now when you angle for *Chevin*, *Roach*, or *Dace* with the natural Fly, move it not ſwiftly when you ſee the Fiſh make at it, but rather let it glide ſpontaneouſly towards it with the Stream: If it be in a ſtill and ſlow water, draw the Fly ſlowly ſideways by him, that will make him eager in the purſuit of it; whereas if you ſhould move it ſwiftly, they will not follow it, being a lazy fiſh and ſlow of motion. Theſe fiſh delight to ſhew themſelves in a Sun-ſhiny day almoſt on the very ſurface of the Water, by which means you may pick and chooſe.

The *Artificial Fly* is ſeldome uſed but in bluſtering weather, when by the Winds the Waters are ſo troubled, that the Natural Fly cannot be ſeen, nor reſt upon them.

There are (according to the opinion of Mr. *Walton*, a very ingenious man, and an excellent Angler) twelve ſorts of Artificial Flies to angle with on the top of the Water, of which theſe are the principal.

The firſt is (to uſe his own words) the *Dun-fly*, in *March*, made of dun Wooll, and the Feathers of a Partridge's Wing.

The ſecond is a *Dun-fly* too, and made of black Wooll, and the Feathers of a black Drake; the Body made of the firſt, and the Wings of the latter.

The third is the *Stone-fly*, in *April*; the Body is made of black Wooll made yellow under the Wings and Tail.

The fourth is the *Ruddy-fly*, in the beginning of *May*; the Body being made of red Wooll, and bound about with black Silk, with the Feathers of a red Capon, which hang dangling on his ſides next his Tail.

The fifth is the *Yellow* or *Greeniſh Fly*, in *June*; the Body is made of black Wooll, with a yellow Liſt on either ſide, and the Wings taken off the Wings of a Buzzard, bound with black braked Hemp.

The ſixth is the *Mooriſh-fly*; the Body made of duſkiſh Wooll, and the Wings made of the blackiſh Mail of the Drake.

The ſeventh is the *Tawny-fly*, good until the middle of *June*; the Body made of tawny Wooll, the Wings made contrary one againſt another, of the whitiſh Mail of the white Drake.

The eighth is the *Waſp-fly*, in *July*; the Body made of black Wooll lapt about with yellow Silk, the Wings made of Drake-feathers.

The ninth is the *Shell-fly*, good in the middle of *July*; the Body made of greeniſh Wooll lapt about with the Herle of a Peacock's Tail, and the Wings made of Buzzards Wings.

The tenth and laſt is the *Drake-fly*, good in *Auguſt*; the Body made of black Wooll lapt about with black Silk, his Wings of the Mail of the black Drake with a black head.

And then having named two more, he concludes wittily,

tily, *Thus have you a Jury of Flies, likely to betray and condemn all the* Trouts *in the River.*

This in my opinion ſeems a tedious and difficult way. I ſhould rather think it better to finde the Fly proper for every ſeaſon, and that which the Fiſh at that time moſt eagerly covet, and make one as like it as poſſibly you may, in colour, ſhape, and proportion; and for your better imitation lay the natural Fly before you.

There are ſeveral ways of making theſe artificial Flies, which I ſhall forbear here to relate, thinking it more proper to leave it to the ingenuity of every particular perſon, which will be very much help'd by ſeeing and obſerving the Artiſt's method in their compoſition.

The beſt Obſervations I can collect for artificial Fly-fiſhing, are theſe:

Firſt, Obſerve to fiſh in a River ſomewhat diſturbed by Rain, or in a clowdy day when the Waters are moved by a gentle breez: the South-wind is beſt, the Weſt indifferent, but the Eaſt ſtark naught. But as to this I give not much credit; for let the Skie be cloudy, and the Seaſon not too cold, I'le bid defiance to any Wind that blows not too hard. If it blow high, yet not ſo high but that you may conveniently guide your Tackle, they will riſe in plain Deeps, where you ſhall kill the beſt Fiſh: but if the Wind be ſmall, then is the beſt angling in ſwift Streams; and be ſure to keep your Fly in continual motion.

Secondly, Keep as far from the Water-ſide as you can, whether you fiſh with a Fly or Worm; and fiſh down the Stream, having the Sun on your back, not ſuffering your Line to touch the Water, but your Fly onely. Here note, that the light Fly makes moſt ſport in a dark night, and the darkeſt or leaſt Fly in a clear day.

Thirdly, In clear Rivers ever angle with a ſmall Fly with ſlender Wings; but in ſuch as are muddied by Rain, uſe a Fly that is larger bodied than ordinary.

Fourthly, When the water beginneth to clear after Rain, and becomes browniſh, then uſe a Red or Orange Fly; if the day be clear, a light-coloured fly, and a dark fly for dark Waters; if the Water be of a wheyiſh complexion, then uſe a black or brown fly. I will not ſay theſe Directions or Rules are without exceptions.

Fifthly, Let your Line for Fly-fiſhing be twice as long as your Rod, unleſs the River be cumbred with Wood.

Sixthly, For every ſort of fly, have ſeveral of the ſame differing in colour, to ſute with the different complexions of ſeveral waters and weathers.

Seventhly, You muſt have a nimble eye, and an active hand to ſtrike preſently with the riſing of the fiſh, or elſe he will be apt to ſpew out the Hook, finding his miſtake.

Eighthly, Let your fly fall firſt into the Water; for if your Line fall firſt, it ſcares the fiſh, and therefore you muſt draw again and caſt.

Ninthly, When you angle in ſlow Rivers or ſtill places with your Artificial fly, caſt it over croſs the River, and let it ſink a little in the water, and draw it gently back again, ſo as you raiſe no Circles, nor break the Water; and let the fly float gently with the Current, and hereby you will finde excellent ſport.

Laſtly, Take notice that your Salmon-flies muſt be made with their Wings ſtanding one behinde the other, whether two or four. He delights in the fineſt gaudieſt colours you can chuſe, in the wings chiefly, which muſt be long, and ſo muſt the Tail.

Of Ground Angling.

IF you fiſh under the Water for a *Trout*, it muſt be without a Float, onely with a Plumb of Lead, or a Bullet, which is better, becauſe it will rowl on the ground. And this way of fiſhing is very good in cold weather, when the Fiſh ſwim very low: you muſt place this Bullet about nine Inches from the baited Hook; your Top muſt be very gentle, that the fiſh may more eaſily run away with the Bait, and not be ſcared with the ſtifneſs of the Rod. You muſt not ſtrike as ſoon as you feel the fiſh bite, but ſlack your Line a little, that he may the better ſwallow the Bait and Hook. When you ſtrike do it gently, for the leaſt matter does it.

Let your Tackle be fine and ſlender, for that is better than your big and ſtrong Lines, which ſerve onely to fright the Fiſh.

You will finde it a better way of Angling to do it without Float or Lead, onely making uſe of a Garden-worm, drawing it up and down the Stream; by which you will take more *Trouts* than any other way, eſpecially if it be in a clear day. The Morning and Evening are the chiefeſt ſeaſons for the Ground-Line for *Trout*: but if the day prove Cloudy, or the Water muddy, you may Angle at Ground all the day.

Of Night-Angling.

GReat Fiſh (eſpecially *Trouts*) are like Bucks, wary and circumſpect in their ſelf-preſervation, and know the ſeaſons moſt fit for them to feed without danger; and that is the Night, as they ſuppoſe, thinking then they may moſt ſecurely range abroad.

In your Night-angling take two great Garden-worms of an equal length, and place them on your Hook; then caſt them a good diſtance, and draw them to you again upon the ſuperficies of the Water, not ſuffering them to ſink; to which end you muſt not uſe a Plummet. You may eaſily hear the Fiſh riſe, and therefore give him ſome time to ſwallow your Bait, then ſtrike him gently. If he will not take it at the top, ſink your Bait by adding ſome Lead, and order your ſelf as at Day-angling on the Ground.

I have frequently experienced it, that the beſt *Trouts* bite in the Night, riſing moſt commonly in the ſtill Deeps, but unuſually in the Streams.

Inſtead of theſe Garden-worms you may uſe a black Snail, or a piece of Velvet in its likeneſs: this is a moſt excellent Night-bait for a *Trout*, and nothing like the black Snail for a *Chub* in the Morning early.

You may bait your Hook with a *Minnow* for a *Trout* thus: put your Hook through the point of his lower Chap, and draw it quite through; then put your Hook in at his Mouth, and bring the point to his Tail; then draw your Line ſtraight, and it will bring him into a round compaſs: But be ſure you ſo order his Mouth that the water get not in.

What times are ſeaſonable, and what unſeaſonable to Angle in.

CAlm and clear weather is very good to angle in; but cool cloudy weather in Summer is beſt; but it muſt not be ſo boiſterouſly windy as that you cannot guide your Tackle. The cooler the weather is in hotteſt Moneths, the better it is: and if a ſudden violent ſhour hath diſturbed and muddied the River, then is your time to angle in the Stream at the ground with a red Worm.

Likewiſe a little before the Fiſh ſpawn is a very good time for Angling; for then their Bellies being full, they come into ſandy Fords, and there rub their Bellies to looſen them, at which time they will bite very freely.

If you intend to fiſh for *Carp* and *Tench*, you muſt commence your ſport early in the Morning, fiſhing from Sun-riſing till eight of the Clock, and from four in the Afternoon till Night; and in hot Moneths till it be very late.

In the heat of Summer *Carps* will ſhew themſelves on the very rim of the water; at which time, if you fiſh with a Lob-worm as you do with a Fly natural, you will have excellent ſport, eſpecially if it be among Reeds.

In *March*, *April*, *September*, and all the Winter, (in which ſeaſon Fiſh ſwim deep very neer the Ground) I ſay, in thoſe Moneths it is beſt fiſhing in a clear ſerene warm day, for then they bite faſteſt: But all the Summer-time Mornings, Evenings, and cool cloudy weather are the beſt times for Angling.

Here note, that by experience you will finde that Fiſh riſe beſt at the Fly after a ſhour of Rain that hath onely

onely beaten the Gnats and flies into the River without muddying them. The proper Moneths and times of the day for the Fly, are *March*, *April*, *May*, and the beginning of *June*; in which Moneths let your times be in the Morning about nine, and between three and four in the Afternoon. A warm Evening is very ſeaſonable, if the Gnats play much.

After a clear Moon-ſhiny-night, if the day ſucceeding prove cloudy, it is a very good time for Angling; for, having abſtained from food all the night, (for they will not ſtir for fear in bright nights) the next day they become hungry and eager, and thē gloomineſs of the day makes them bite boldly.

At the opening of Sluces or Mill-dams go along with the courſe of the water, and you will finde *Trouts* and other fiſh will then come out to ſeek for what food the water brings down with it.

Having ſhewn you what ſeaſons are moſt proper and profitable to Angle in, I will demonſtrate to you ſuch as are not.

And *Firſt*, In the extremity of Heat, when the Earth is parched with Drought, there is little ſport to be obtained, eſpecially in muddy or clear ſhallow Rivers.

Secondly, In the Winter or Spring-time, when there happeneth any hoary Froſt, then will not the fiſh bite kindly all that day, unleſs it be in the Evening, and if that prove ſerene and pleaſant: but it is not convenient to fiſh at any time when the Wind bloweth ſo high that you cannot manage your Tools to advantage.

Thirdly, Sheep-ſhearing-time is an Enemy to the Angler, for then the Fiſh glut themſelves with what is waſht off the Sheep, and will ſcarcely bite till that ſeaſon be over. Likewiſe ſharp Eaſt and North nipping-winds do very much prejudice the Anglers Recreation: neither is it good to fiſh immediately after Spawning-

Spawning-time; for at that time their appetite is much abated.

It is a very ſtrange thing to conſider the natural inſtinct in Fiſh in foreknowing the approach of a ſhowr of Rain; for I have tried, that upon the riſe of a Cloud that threatned a ſudden Showr, they would not bite; from which obſervation I have often ſav'd my ſelf from being wet to the Skin.

Laſtly, If the preceding night prove dark and cloudy, the ſucceeding day will prove ineffectual for fiſhing, unleſs for ſmall fiſh; for at ſuch times the great ones prey abroad for the leſſer, who, by inſtinct knowing the danger, hide themſelves till the Morning; and having faſted all night become then very hungry, whilſt the great ones having gorg'd themſelves lie abſconded all the day long.

The next thing we ſhall inſiſt on, is the way of taking ſeveral ſorts of fiſh (as they are here alphabetically ſet down) with ſeveral proper Baits according to the beſt of experiences.

Of the BARBEL.

THE *Barbel* is ſo called by reaſon of the Barb which is under his Noſe or Chaps. He is a leather-mouth'd-fiſh, that is, ſuch a one as will not break his hold when hook'd; but will frequently break, if big, both Rod and Line.

They ſwim together in great Shoals, and are at worſt in *April*, though not very good at any time.

The places where he loves moſt to reſort, are where Weeds grow, or in a gravelly riſing ground, wherein he will dig and root like a Hog with his Noſe: not but

but that he frequents the ſtrongeſt ſwifts of water ſometimes, as deep Bridges or Wears, where he will ſo ſettle himſelf among the Piles and hollow places, or amongſt Moſs or Weeds, that let the water be never ſo ſwift, he will remain immoveable. This is his cuſtome in the Summer-time; after which time he retires into deep waters, and there helps the Female to dig a hole in the Sand for her to hide her Spawn from being devoured by other Fiſh.

This Fiſh is of a delicate Caſt and handſome ſhape, with ſmall Scales placed after a moſt curious manner; and as his ſhape is curious, ſo is his palate, for he will not eat any thing but what is clean; and therefore if you intend to make any ſport with him your Bait muſt be very well ſcowred. The beſt for him is a Lob-worm, at which he will bite boldly, if you bait your ground the night before with big Worms cut in pieces. For him you can never bait the Ground too much, nor can you fiſh for him too early or too late.

Gentles alſo are a very good bait for him, if green; and ſo is Cheeſe made tough by keeping it in a wet Linnen Bag a day or two: This Cheeſe ſteeped in clarified Honey, and the Ground where you intend to fiſh baited therewith, will give you an opportunity to catch ſtore enough of *Barbels*, if there be any thereabout. You may do well to bait your Hook with Cheeſe that is ſoft, and Sheeps-tallow wrought into a Paſte: but there is no bait like the well-ſcowred Lob-worm, or Cheeſe ſteeped in Honey an hour or two.

When you fiſh for this *Barbel*, let your Rod and Line be both long and ſtrong; for as he is very ſubtile, ſo is he extraordinary ſtrong and dogged to be dealt withal, and will ſo ſtruggle, that if you manage him not dextrouſly, he will break your Line.

His beſt time of biting is about nine of the Clock, and

and the chiefeſt time of fiſhing for him is at the latter end of *May*, *June*, *July*, and the beginning of *Auguſt*.

Of the BREAM.

THere are two ſorts of *Breams*, the one a freſh and the other a ſalt-water-Fiſh, yet neither differ much in ſhape, nature, or taſte.

I ſhall onely ſpeak of the freſh-water-*Bream*, which at full growth is a large and ſtately Fiſh, and breeds either in Ponds or Rivers; but chiefly delights in the former, which if he likes, he will not onely grow exceeding fat, but will fill the Pond with his iſſue, even to the ſtarving of the other Fiſh.

As for his ſhape, it is very broad, and thick ſcaled very excellently, with a forked Tail; his Eyes are large, but he hath a very little ſucking Mouth, diſproportionate to his Body.

The fleſh of this Fiſh is accounted more pleaſant than wholſome by ſome: but as for my part, I am of the judgement of the *French*, who have a great eſtimaton for it; and if you will but taſte his Belly or Head, you will ſay it is moſt excellent food.

The *Bream* ſpawneth in *June*, or the beginning of *July*, and is eaſily taken; for after one or two gentle turns he will fall upon his ſide, and ſo you may draw him to Land with eaſe. The beſt time of Angling for him, is from St. *James-tide* till *Bartholomew-tide*; for having had all the Summers food, they are exceeding fat.

The *Bream* is a great lover of red Worms, eſpecially ſuch as are to be found at the root of a great Dock, and lie wrapt up in a round clue; alſo he loves Paſte, Flag-worms, Waſps, green Flies, Butter-flies, and a Graſhopper with his Legs cut off. The

The way of taking *Breams* is thus: Firſt bait the ground (where you know they reſort) with a convenient quantity of ſweet groſs-ground Barley-malt, boyled but a little while, and ſtrained when it is cold: go with it to the place about nine a clock at night, then take your Malt, and ſqueezing it between your Hands, throw it into the River, and it will ſink: If the ſtream run hard, caſt in your ſqueezed Balls a little above the place you intend to angle in. Having thus baited your ground, in the Morning bait your Hook with the greateſt red Worm you can get; you may finde them in Gardens or Chalky Commons after a ſhowre of Rain; of which you muſt ſtore your ſelf beforehand, keeping them a Moneth at leaſt in dry Moſs, changing the Moſs every three daies. Having baited your hook ſo that the worm may crawl to and fro, for the better inticing of the Fiſh to bite without ſuſpition, obſerve where your fiſh play moſt and ſtay longeſt, which commonly is in the broadeſt and deepeſt part of the River: then plumb your ground, and fiſh within half an Inch of it; for although you ſhall ſee ſome *Breams* play on the top of the Water, yet theſe are but the Sentinels for them beneath.

You may have three or four Rods out at a time ſtuck in the Bank-ſide, and let them be long, the Floats Swan or Grooſe-quills, which muſt be ſunk with Lead, the tops bearing above water about half an Inch. Let your Rods be caſt in one above the other about a yard and a half diſtant, and then withdraw your ſelf from the Bank ſo far that you can perceive nothing but the top of the Float; and when you perceive it to ſink, then creep to the Water-ſide, and give it as much Line as you can: if it be a *Carp* or *Bream*, they will run to the other ſide; then ſtrike gently, and hold your Rod at a bent a little while, but do not pull, for then you ſpoil all; but you muſt [illegible] tire

them before you can land them, being very ſhie. Of the two, the *Carp* is the worſt, being more brisk and ſtrong.

Here take notice by the way, if *Pike* or *Pearch* be thereabout, it will be but a folly to think of killing *Carp* or *Bream*; and therefore you muſt remove thoſe obſtacles, by fiſhing them out firſt. And to the intent you may know whether there be thoſe Fiſh of Prey thereabout, take a ſmall *Bleak* or *Gudgeon*, and bait it, ſetting it alive among your Rods, two foot deep from your Float, with a little red Worm at the point of your Hook: if a *Pike* be there, he will certainly ſnap at it.

Of the BLEAK.

THE *Bleak* is an eager fiſh, and is caught with all ſorts of Worms bred on Trees or Plants, alſo with Flies, Paſte, Sheeps-bloud, *&c.* You may angle for them with half a ſcore Hooks at once, if you can faſten them all on. Alſo in an Evening the *Bleak* will take the natural or artificial Fly.

If it be a warm clear day, there is no Bait ſo good for the *Bleak* as a ſmall Fly at the top of the water, which they will take at any time of the day, but eſpecially in the evening: there is no fiſh that yields better ſport for a young Angler than this, for they are ſo eager that they will leap out of the water at the Bait.

If the day be cold and cloudy, Gentles or Cadice are beſt about two foot under water.

This ſame *Bleak* by ſome is called a Freſh-water-ſprat, or River-ſwallow, by reaſon of his continual motion.

Some would have him called *Bleak* from his whitiſh colour, and that is onely under his Belly, for his Back is of a pleaſant Sea-green.

There is another way of taking *Bleaks*, by whipping them in a Boat or on a Bank-ſide in ſwift Water in a Summers evening, with a Hazel-top about five or ſix foot long, and a Line twice the length of the Rod; but the beſt way is to tie eight or ten ſmall Hooks along a Line two Inches above one another, and bait them with Gentles or Flies, by which means you may take half a dozen or more at one time.

Of the BULL-HEAD, *or* MILLER'S-THUMB.

THE *Bull-head* is a fiſh which hath a broad Head and wide Mouth, with two broad Fins neer his Eyes, and two Fins under his Belly: inſtead of his Teeth his rough Lips aſſiſt him in nibbling at the bait. He hath Fins alſo on his Back, and one below the Vent; and his Tail is round, his Body being all over covered with whitiſh, blackiſh, and browniſh ſpots.

They begin to ſpawn about *April*, and are full of Spawn all the Summer-ſeaſon. The *Bull-head*'s common habitation is in Holes, or among Stones in clear Water in Summer; but in the Winter he takes up his quarters with the *Eel* in the Mud: So doth the *Loach* and *Minnow*; or we cannot gueſs otherwiſe where their Winter-abode ſhould be.

He is eaſily taken in the Summer, for he is lazie and ſimple. You may ſee him in hot weather lie Sunning himſelf on a flat Stone or gravelly Ground, at which time you may put your Hook (which muſt be baited with a ſmall Worm) very neer his Mouth, at which he ſeldom refuſeth to bite, ſo that the veriеſt bungling Angler may take him.

He is an excellent fiſh for taſte, but of ſo ill a ſhape, that many women care not for dreſſing him, he ſo much reſembles a Toad.

Of

Of the CHEVIN.

THE *Chevin* ſpawneth in *March*, and is a very ſtrong (yet unactive) fiſh, yielding in a very little time after he is ſtruck. The larger he is, the quieter he is taken.

As for his food, he loveth all ſorts of Worms and Flies, alſo Cheeſe, Grain, black Worms, ſlitting their Bellies that the white may appear: he loveth to have his Bait large, and variety of Baits at one Hook. He delights very much in the Pith that grows in the bone of an Ox-back, of which you muſt be careful in taking off the tough outward Skin, without breaking the tender inward Skin.

Early in the Morning angle for your *Chevin* with Snails; but chooſe ſome other bait for him in the heat of the day, for then he will not bite at them. In the Afternoon fiſh for him at Ground or Flie. There is no Fly he loveth better than a great Moth with a great head, whoſe Body is yellow, with whitiſh Wings; which is to be found commonly in Gardens about the Evening. He will not ſtick ſometimes to ſnap at a Lamprey.

Of the CHAR.

I Could never read nor hear that the *Char* was taken any where but in a Mere in *Lancaſhire*, called *Winander-mere*, the largeſt, according to report, that is in the Kingdom of *England*, being ten miles in length, and as ſmooth as a Bowling-green at the bottom.

This *Char* is ſpotted like a *Trout*, and its dimenſion ſeldome exceeds ſeventeen Inches or a foot and half. This Fiſh is delicate food, having ſcarce a Bone but

what is on the Back. Now ſince the place is ſo remote from *London* where theſe *Chars* are taken, I ſhall forbear to trouble our City-Angler with Rules and Directions how to angle for him, and paſs to ſuch Fiſh as are frequently found in every River here neer adjacent.

of the CHUB.

THis Fiſh hath ſeveral appellations; for he is called a *Chub*, a *Chavender* by the *French*, by ſome a *Villain*, by others a *Cheven*. As for my part, call him what you pleaſe, I like him not for theſe reaſons: firſt, he is full of ſmall forked Bones diſperſt every where throughout his Body; next, he eats very wateriſh; and laſtly, this Fiſh is unfirm, and (in my opinion) in a manner taſteleſs.

Of all fiſh he is the beſt to enter a young Angler, for he is very eaſily taken: however give me leave to preſcribe you ſome more Rules than what I have already ſhewn in the Angling for the *Cheven*, which is the ſame with the *Chub* or *Chavender*.

You muſt finde out ſome hole, where you ſhall have twenty or more of them together in a hot day floating almoſt on the very ſurface of the water: then bait your Hook with a Graſhopper; but ſo abſcond your ſelf that you may not be ſeen, for he is a very fearful fiſh, and therefore the leaſt ſhadow will make him ſink to the bottom of the water, yet he will riſe again ſuddainly.

Having baited your Hook, drop it gently ſome two foot before that *Chub* you have elected by your eye to be the beſt and faireſt, and he will inſtantly bite greedily thereat, and be held ſo faſt by reaſon of his Leather-mouth, that he can ſeldom break his hold:

and

and therefore you may do well to give him play enough, and ſo tire him; otherwiſe you may endanger your Line.

If you cannot finde a Graſhopper, then bait your Hook with any kinde of Fly or Worm, as I ſaid before, as Dors, Beetles, Bobs, Cod or Caſe-worms.

When you fiſh for the *Chub* with a Fly, Graſhopper, or Beetle, it muſt be at the top of the water; if with other baits, underneath.

In *March* and *April* angle for your *Chub* with Worms; in *May*, *June*, and *July*, with Flies, Snails, or Cherries. Where note, he will rarely refuſe a Graſhopper on the top of a ſwift Stream, nor at the bottom the young humble-bee. In *Auguſt*, *September*, &c. make uſe of a Paſte made of Parmiſan, or *Holland*-cheeſe pounded with Saffron in a Mortar, adding thereunto a little Butter. Others make a Paſte of Cheeſe and Turpentine for the Winter ſeaſon, at which time the *Chub* is in his prime; for then his forked Bones are either loſt, or converted into a Griſtle; and he is excellent meat baked.

In hot weather angle for him in the middle of the water, neer the top thereof; but in cold weather fiſh for him neer the bottom.

To finiſh all other diſcourſe of this *Chub*, *Cheven*, or *Chavender*, I ſhall only ſay that his Spawn is excellent; and if he be large, the Head, when the Throat is well waſht, is the beſt part of the fiſh.

Of the CARP.

IT is confeſs'd by all, that the *Carp* is the Queen of all Freſh-water-fiſh, being not only a good, but ſubtile fiſh, and living longeſt of all fiſh (excepting the *Eel*) out of his proper Element. Thoſe that die ſooneſt are *Herrings*, for ſalt-water; and for freſh-water, *Trouts*.×

×or Grayling.

Carps are obſerved to breed ſeveral Moneths in one year; and for this reaſon you ſhall hardly ever take either Male or Female without Melt or Spawn. They breed ever more naturally in Ponds than in running water: in the latter very ſeldom or never; and where they breed, they breed innumerably.

He that intends to Angle for a *Carp*, muſt arm himſelf with a world of Patience, by reaſon of the extraordinary ſubtlety and policy of that fiſh. Next, you are to obſerve that the *Carp* will ſeldom bite in cold weather; and in hot weather you cannot be too early or too late at your ſport: and if he bite, you need not fear his hold, for he is one of thoſe leather-mouth'd-fiſh, who have their Teeth in their Throat.

When you angle for the *Carp*, your Rod and Line muſt be ſtrong; and becauſe he is ſo very wary, it is good to entice him by baiting the Ground with courſe Paſte: In *March* he ſeldom refuſeth the red Worm, the Cadice in *June*, nor the Graſhopper in *July*, *Auguſt*, and *September*.

The *Carp* takes delight in Worms or ſweet Paſtes, of which there are great variety: the beſt are made up of Honey and Sugar, and ought to be thrown into your Water ſome hours before you intend to angle; or if you throw in your Paſte made into ſmall Pellets two or three daies before, it will not be the worſe, eſpecially if you throw in alſo Chickens-guts, Garbage, or Bloud incorporated with Bran or Cow-dung.

You may make your Paſte in this manner: Take a convenient quantity of Bean-flour, or any other Flour, and mingle it with the fleſh of a Cat cut ſmall; make up this Compoſition with Honey, and then beat them all together in a Morter ſo long, till they are ſo tough as to hang upon a Hook without waſhing off. For the better effecting thereof, mingle therewith ſome whitiſh Wooll; and if you would keep it all the year,

year, adde thereunto ſome Virgins-wax and clarified Honey.

If you fiſh with Gentles, anoint them with Honey, and put them on your Hook with a piece of Scarlet dipt in the like. This is the moſt approved way to deceive and captivate the ſubtile *Carp*. Honey and crums of White-bread mixt together is a very good Paſte for a *Carp*.

An approved way how to take Carp *in a muddy Pond,* Vide *Chap. Of the Tench.*

Of the DACE *and* DARE.

THE *Dace*, *Dare*, and *Roach*, are much of a kinde, both in manner of feeding, cunning, goodneſs, and commonly in ſize.

The *Dace* or *Dare* will bite at any Fly, but eſpecially at Ant-flies, of which the blackiſh are the beſt; which are found in Mole-hills about the Moneths of *June*, *July*, *Auguſt*, and *September*. The way of preſerving them for your uſe is, to put them alive into a Glaſs-bottle, having firſt laid therein ſome of the moiſt Earth from whence you gathered them, with ſome of the Roots of the Graſs of the ſaid Hillock: having laid your Ant-flies in gently without prejudicing their Wings, lay a clod of Earth over it: thus you may keep them a Moneth, if you bruiſe them not. If you would keep them longer, put them into a large Rundlet, having firſt waſh'd the inſide with Water and Honey: having thus kept them three Moneths, they are an incomparable Bait in any Stream and clear Water, either for *Dace*, *Dare*, or *Roach*, and are good alſo for a *Chavender*, fiſhing within a handful from the bottom.

The beſt time for making uſe of the Ant-flie, is when they ſwarm, and that is generally about the latter end of *July*, and beginning of *Auguſt*: they will cover a Tree or Buſh with their multitude, and then if you make uſe of them, you may load your ſelf with *Roach* and *Dace* in a ſmall time.

In a warm day he rarely refuſeth a Fly at the top of the water; but remember that when you fiſh under water for him, it is beſt to be within an handful or ſomething more of the ground.

If you would fiſh for *Dace* or *Dare* in Winter, then about *Alhallontide*, where-ever you ſee Heath or Sandy grounds ploughing up, follow the Plough, and you will finde a white Worm with a read head, as big as the end of a man's little finger. You may know where the moſt of them are, by the number of Crows and Rooks which ſit on the plow'd-land. The worm is very ſoft, and is by ſome termed a *Grub*, which is nothing but the ſpawn of a Beetle. Gather what quantity you think fit, and put them into a Veſſel with ſome of the Earth from whence they were taken, and you may keep them all the Winter.

Laſtly, the young brood of Waſps and Bees, having their heads dipt in Bloud, are an excellent bait for *Dace* and *Dare*.

Of the EEL.

I Shall not trouble you with variety of diſcourſes concerning the being of an *Eel*, whether they breed by ſome Generation, or Corruption as Worms; or by certain glutinous Dew-drops, which falling in *May* and *June* on the Banks of ſome Ponds or Rivers, are by the heat of the Sun turned into *Eels*: and theſe are by ſome called *Yelvers*, of which I have ſeen Cakes made, and have eaten thereof when fried, with

with much ſatisfaction. I ſay, waving all Diſcourſes of this nature, I ſhall onely tell you that ſome have differenced *Eels* into four ſorts chiefly: namely, the Silver-*Eel*; a Greeniſh *Eel*, (which is called a *Greg*;) a blackiſh *Eel*, with a broad flat head; and, laſtly, an *Eel* with reddiſh Fins.

I ſhall onely ſpeak of the firſt, which is the Silver-*Eel*. This *Eel* is generally believed to have its being from Generation, but not by Spawning, but the young coming from the Female alive, and no bigger than a ſmall Needle.

This *Eel* may be caught with ſeveral ſorts of Baits, but principally with powder'd Beef. A Garden-worm or Lob, or a *Minnow*, or Hen's-gut, or Garbage of Fiſh, is a very good bait: but ſome prefer a *Pride*, which others call a *Lamprey*, beyond any yet named.

As *Eels* abſcond themſelves in Winter, taking up their conſtant reſidence in the Mud, without ſtirring out for ſix Months; ſo in the Summer they take no delight to be abroad in the day, and therefore the moſt proper time to take them is in the night, with any of thoſe baits aforeſaid, faſtning your Line to the Bank-ſide with your Laying-hooks in the water. Or you may throw in a Line with good ſtore of Hooks baited, and plumb'd with a Float to diſcover where the Line lieth, that in the Morning you may take it up with your Drag-hook.

There is another way of taking *Eels*, and that is by *Sniggling*. This Sniggling is nothing elſe but taking in the day-time a ſtrong Line and Hook baited with a Lob or Garden-worm, and marking ſuch Holes and places where the *Eels* uſe to abſcond themſelves in the day-time neer Wears, Mills, or Floud-gates, and gently by the help of a Stick putting your bait into ſuch holes where you imagine *Eels* are:

and

and if there be any, you ſhall be ſure to have a bite; but then have a care you pull not too hard, leſt you ſpoil all. Here note, that the Top of your Stick muſt be cleft, wherein you muſt put in a ſtrong Hook, but of a narrow compaſs; which Stick muſt guide the Bait into the Hole where the *Eel* is, by which means, if your Tackling hold, you may get as large *Eels* as any are in the River, Mill-pond, or Floud-gate, *&c.* And as this way of fiſhing is called *Sniggling*, ſo it is called *Broggling* for *Eels*.

Bobbing for Eels is done after another manner: that is, Take very large Lobs, ſcowr them well, and with a Needle run ſome ſtrong-twiſted Silk through them from end to end; take ſo many as that you may wrap them about a board a dozen times at leaſt; then tie them faſt with the two ends of the Silk, that they may hang in ſo many Hanks; then faſten all to a ſtrong Cord, and about a handful and a half above the Worms faſten a Plumb of three quarters of a pound in weight, and faſten your Cord to a ſtrong Pole: having ſo done, fiſh in muddy Water, and you will feel the *Eels* tug luſtily at them. When you think they have ſwallowed them as far as they can, gently draw up your Line, till you have brought your *Eels* to the top of the water, and then bring them aſhore as faſt as you can. The Gentleman (and an experienced Angler) from whom I received this Inſtruction, told me, he hath taken ſix or ſeven large *Eels* at a time this very way.

There is another way alſo for taking of *Eels* (though it be ſomewhat laborious, and for that reaſon is beſt to be made uſe of in cold weather) and that is by an Inſtrument called an *Eel-ſpear*: it is made for the moſt part with three Forks or Teeth, jagged on the ſides; but thoſe are better that have four. This you are to ſtrike into the Mud at the bottom of the River,

River; and if you chance to light where they lie, you need not fear taking them if your Inſtrument be good.

If you would take very large *Eels* indeed, bait your Night-hooks with ſmall *Roaches*, and let the Hooks lie in the Mouth of the Fiſh.

Of the FLOUNDER.

I Shall not go about to tell you the nature of a *Flounder*, or give you his deſcription, ſince he is a Fiſh ſo well known to every one.

In *April*, *May*, *June*, and *July*, you may fiſh for the *Flounder* all day long, either in a ſwift Stream or in the ſtill Deep, but beſt in the Stream. Your moſt proper Baits are all ſorts of red Worms, Waſps, and Gentles.

Of the GRAILING.

WHen you angle for the *Grailing*, you muſt head your Hook upon the Shank with a very ſlender narrow plate of Lead, and let it be ſlendereſt at the bent of the Hook, that the Bait, which muſt be a large Graſhopper, may with more facility come over it: At the point let there be a Cad-bait, and keep your Bait in continual motion; and forget not to pull off the Graſhopper's Wings which are uppermoſt.

In the Moneths of *March* and *April*, there is an excellent Bait for the *Grailing*, which is called a *Tag-tail*: This Worm is of a pale Fleſh-colour, with a yellow Tag on his Tail, ſomewhat leſs than half an Inch long; which is to be found in

Marled

Marled Grounds and Meadows in fair weather, but not to be ſeen in cold weather, or after a ſhowre of Rain.

of the GUDGEON

THe *Gudgeon*, though ſmall, is a fiſh of ſo pleaſant a taſte, that in my opinion it is very little inferiour to the *Smelt*. I need not deſcribe him, he is ſo well known.

He ſpawns three or four times in the Summer-ſeaſon. His feeding is much like the *Barbel*'s, in ſharp Streams and on Gravel, ſlighting all manner of Flies. He is eaſily taken with a ſmall red Worm, fiſhing near the ground.

This fiſh is Leather-mouth'd, and will not eaſily be loſt off the Hook when ſtruck. You may fiſh for him with a Float, your Hook being on the ground; or by hand with a running Line on the ground, without either Cork or Float.

Waſps, Gentles, and Cad-baits are good baits for the *Gudgeon*. When you angle for a *Gudgeon*, ſtir up the Sand or Gravel with a long Pole, which will make them gather to that place, and bite faſter and with more eagerneſs.

of the GUINIAD.

I Cannot ſay much of this Fiſh, only that it is excellent food; and therefore I ſhall conclude my diſcourſe of the *Guiniad* with a very ſtrange obſervation; and that is, This Fiſh is not found any where but in a large Water called *Pemble-Mere*: but that which is moſt remarkable is this, That the River which runs by *Cheſter*

ſter hath its Head or Fountain in *Merionith-ſhire*, and in its courſe runs through this *Pemble-mere*, which abounds as much with *Guiniads*, as the River *Dee* doth with *Salmon*, of each both affording great plenty; and yet it was never known that any *Salmon* was ever caught in the Mere, nor ever any *Guiniad* taken in the River.

When Dee *that in his courſe fain in her lap would lie,*
Commixtion with her ſtore, his ſtream ſhe doth deny,
By his complexion prov'd, as he through her doth glide,
Her Wealth again from his ſhe likewiſe doth divide:
Thoſe white fiſh that in her do wonderouſly abound,
Are never ſeen in him; nor are his Salmons *found*
At any time in her; but as ſhe him diſdains,
So he again from her as wilfully abſtains.

Drayton's Polyolb. *Song* 9.

Of the LOACH.

THe *Loach*, though a ſmall, is yet a dainty fiſh: his breeding and feeding is in little and clear ſwift Brooks or Rivulets; here and in ſharp Streams Gravel is his uſual food. He is ſmall and ſlender, ſeldom exceeding three Inches in length: he is bearded like a *Barbel*, having two Fins at his ſides, four at his Belly, and onely one at his Tail, and is freckled with many black or brown ſpots.

This *Loach* is commonly full of Spawn, which is, with the fiſh, a very grateful food to weak Stomachs, affording great nouriſhment. He is to be taken with a very ſmall Worm neer the ground; for he delights to be neer the Gravel, and therefore is ſeldom ſeen on the top of the water.

Of

of the MINNOW.

THE *Minnow* is a fiſh without Scales, and one of the leaſt of the watry Inhabitants; but for excellency of meat he may (in my opinion) be compared to any fiſh of greateſt value and largeſt ſize; and little things ſhould not be deſpiſed. The Spawners are uſually full of Spawn all the Summer long, for they breed often, as it is but neceſſary, being both Prey and Baits to other fiſh. They come into the Rivers generally about *March* and *April*, and there continue till the cold weather drive them into their Winter-quarters again.

Of colour this Fiſh is greeniſh, or wavy sky-coloured; his Belly is very white, but his Back is blackiſh. This fiſh will bite ſharply at a ſmall Worm; and if you will trouble your ſelf to catch enough of them, you may make an excellent Tanſie of them, cutting off their Heads and Tails, and frying them in Eggs, ſaucing them with Butter, Sugar, and Verjuice.

Anglers uſe to finde him oftner than they would: Deep places he ſeldome frequents. It is a Fiſh no way curious of his feeding, for any Bait pleaſeth him if he can but ſwallow it, and he will ſtrain hard for what he cannot gorge. The chiefeſt food he loveth is a ſmall red Worm, Waſps, or Cad-baits.

Of the POPE, *or* RUFF.

THis Fiſh with a double name is ſmall, and ſeldome grows bigger than a *Gudgeon*; in ſhape he is not unlike a *Pearch*, but eſteemed better food, being of taſte as pleaſant and delightful as any fiſh whatever.

The

The *Ruff* makes excellent ſport with an unexperienced Angler, for he is a greedy biter; and they are in great Shoals together where the Water is deep, ſmooth, and calm. If you would catch a good round quantity, bait your ground with Earth, and angle for them with a ſmall red Worm.

Of the PIKE.

THE *Pike* is a very long-liv'd creature, and if we may credit Sir *Francis Bacon*, or *Geſner* that famous Brutologiſt, he outlives all other Fiſh; which is pitty, he being as abſolute a Tyrant of the Freſh-waters, as the *Salmon* is, the King thereof.

The larger the *Pike*, the courſer the food, the ſmaller being ever beſt; contrary to the nature of *Eels*, which improve their goodneſs by their bulk and age.

He is a melancholick Fiſh, becauſe he never ſwims in Shoals, but reſts himſelf alone; and he is as bold as any fiſh whatever, if we may believe Report, which informs us a *Pike* hath been known to fight with an Otter for a *Carp* he had taken, and was carrying out of the Water. Another bit a Mule by the Lip as he was drinking, and ſtuck thereunto ſo faſt, that by that means the Owner of the Mule took him. Another bit a Maid by the Foot as ſhe was waſhing. He will frequently devour his own kinde unnaturally; from whence I ſuppoſe he may obtain the name of a *Freſh-water-wolf*.

As the *Pike* is in nature like the Hawk, a Bird of Prey, ſo is he like her in generation, neither of them breeding but once a year: and when the *Pike* ſpawns it is between *February* and *March*. The beſt *Pikes* are found in Rivers, the worſt in Meres or Ponds.

His common Food is either Pickerel-weed, Frogs, or

or what fiſh he can procure. This Pickerel-weed ſome ſay, both feeds and breeds them.

There are two ways of fiſhing for the *Pike*; firſt by the Ledger, ſecondly by the Walking-bait.

The Ledger-bait is fix'd in one certain place, whilſt the Angler may be abſent; and this muſt be a living bait, either Fiſh or Frog. Of Fiſh the beſt are a *Dace*, *Roach*, or *Pearch*: for Frogs, the yelloweſt are the beſt. How to keep them alive on your Hook, your own ingenuity will inform you.

When you intend to uſe the Ledger-bait, if it be a Fiſh, ſtick your Hook through his upper Lip; and then faſtning it to a ſtrong Line of at leaſt twelve or fourteen yards in length, tie the other end of the Line either to ſome Stake in the ground, or to ſome bough of a Tree neer the *Pike*'s uſual haunt, or where you think 'tis like he may come. Then winde your Line on a forked ſtick, (big enough to keep the bait from drawing it under water) all except about half a yard or ſomewhat more; and your Stick having a ſmall cleft at the end, faſten your Line therein; but ſo, that when the *Pike* comes, he may eaſily draw it forth, and have Line enough to go to his hold and pouch.

If your bait be a Frog, put the Arming-wyre in at his Mouth, and out at his Gills; and then with a fine Needle and Silk ſow the upper part of his Leg with one ſtitch onely to your Arming-wyre, or tie his Leg above the upper joynt to the Wyre; but as gently as you can, leſt you hurt him.

I have ſeen excellent ſport with the living baits tied about the Bodies of two or three couple of Ducks, driven over a place where ſtore of *Pikes* have frequented. I have obſerved the *Pike* to ſtrike ſo violently at the living Bait, that being hung, he hath drawn the Duck clear under water. The like may be done with ſuch baits tied to Bladders, ſuffering them to float down the

the River, whilſt you minde your ſport walking on its Banks.

The next way of Angling for a *Pike* is with a *Trowl* with a Winch to wind it up withal. As this fiſh is very ſtrong, ſo muſt your Tackle; and your Rod muſt not be very ſlender at top, where muſt be placed a Ring for your Line to run through. Your Line muſt be Silk two yards and a quarter next the Hook, which muſt be double, and ſtrongly armed with Wyre about ſeven Inches: the reſt of your Line may be ſtrong Shoemakers-thread. Upon the ſhank of the Hook faſten ſome ſmooth Lead; and having placed your Hook in the Mouth of a *Minnow*, *Dace*, or *Roach*; with your Lead ſink your Bait with his Head downward. Having ſo done, caſt your bait up and down: if you feel him at the Hook, give him length enough to run away with the bait and pouch it; which when you think he hath done, ſtrike him with a ſmart jerk, and ſo continue your ſport with him as long as you ſhall think fit. Take likewiſe this next Direction from a friend who ſpeaks not much different.

When you intend to Trowl, you may make choice either of *Roach*, *Dace*, *Bleak*, or *Gudgeon* to bait withal, (but for my own part I always prefer the *Gudgeon*) which you muſt do thus: put your Arming-wyre in at the Mouth, and thruſting it along by the Back, bring it out again at the Tail, and there faſten it with a Thread. Having your Reel in your hand, and your Line faſtned to your hook through a Ring at the top of your Rod, caſt your bait into ſome likely place, and move it up and down in the water as you walk gently by the River-ſide: when you have a bite (which you may eaſily feel, for he will give a good tug) be ſure to give him Line enough. You may let him lie almoſt a quarter of an hour

before you ſtrike; and then have a care you do it not too fiercely, leſt you endanger your Tackle, and loſe the Fiſh to boot.

If you fiſh at Snap, you muſt give him leave to run a little, then ſtrike, ſtriking the contrary way to which he runneth. For this way of Angling, a Spring-hook is beſt; and your Tackle muſt be much ſtronger than that for the Trowl, becauſe you muſt ſtrike with greater force.

Here note, that a large Bait more invites the *Pike* to bite, but the leſſer takes him more infallibly, either at Snap or Trowl.

If you fiſh with a dead bait for a *Pike*, this is a moſt excellent bait: Take a *Minnow*, Frog that is yellow, *Dace*, or *Roach*, and having diſſolved Gum of Ivy in Oil of Spike, anoint your bait therewith, and caſt it where *Pikes* frequent. Having lain a little while at bottom, draw it to the top, and ſo up the Stream, and you will quickly perceive a *Pike* follow it with much eagerneſs.

A *Pike* will bite at all baits, excepting the Fly, and bites beſt about three in the afternoon in clear water with a gentle gale, from the middle of Summer to the latter end of Autumn; he then bites beſt in ſtill places or a gentle Stream: but in Winter he bites all the day long. In the latter end, and beginning of the Spring, he bites moſt eagerly early in the morning, and late in the evening.

Of the PEARCH.

THe *Pearch* is a fiſh that is hook-backt, ſomewhat bow'd like a Hog, and armed with ſtiff Griſtles, and his ſides with dry thick Scales. He is a bold biter, which appears by his daring to adventure on one of

of his own kinde with more courage than the *Pike* by much.

Some ſay there are two ſorts of *Pearches*, the one ſalt-water, and the other freſh: the firſt hath but one Fin on his Back, the latter two, which is more than moſt Fiſhes have.

He ſpawns but once a year, and that is in *February* or *March*, and ſeldom grows longer than two foot. His beſt time of biting is when the Spring is far ſpent, at which time you may take at one ſtanding all that are in one hole, be they never ſo many.

His baits are a *Minnow*, or little Frog; but a Worm called a *Brandling* is beſt, if well ſcoured. When he bites give him time enough, and that can hardly be too much.

The *Pearch* biteth well all the day long in cool cloudy weather; but chiefly from eight in the Morning till ten, and from three till almoſt ſix.

You may angle for him with Lob-worms well ſcoured, Bobs, Oak-worms, Gentles, Colewort-worms, *Minnows*, Dors, Waſps, and Cad-baits.

He will not bite at all the ſeaſons of the year, eſpecially in Winter, for then he is very abſtemious; yet if it be warm he will bite then in the midſt of the day; for in Winter all fiſh bite beſt about the heat of the day.

If you rove for a *Pearch* with a *Minnow*, (which of all baits yields the moſt delightful recreation to the Angler) it muſt be alive, ſticking your Hook through his upper Lip or back Fin, and letting him ſwim about mid-water, or ſomewhat lower; for which purpoſe you muſt have an indifferent large Cork with a Quill on your Line.

I always make uſe of a good ſtrong Silk-Line, and a good Hook arm'd with Wyre, ſo that if a *Pike* do come I may be provided for him; and have by this

means taken ſeveral. I uſe alſo to carry a Tin-pot of about two quarts or three pints, in which to keep my *Minnows* or *Gudgeons* alive: the Lid of the Pot is full of little holes, ſo that I can give them freſh Water without opening it; which ought to be about every quarter of an hour, leſt they die.

If you take a ſmall Caſting net with you, you may at a caſt or two take baits enough to ſerve you all day without farther trouble.

When you fiſh with a Frog, you muſt faſten the Hook through the skin of his Leg towards the upper part thereof.

The *Pearch* is none of the Leather-mouth'd ſort of fiſhes; and therefore when he bites give him time enough to pouch his bait, leſt when you think all ſure, his hold break out, and you loſe your fiſh and your patience too.

Of the RUD.

THe *Rud* hath a forked Tail, and is ſmall of ſize: ſome ſay he is bred of the *Roach* and *Bream*, and is found in Ponds; in ſome they are in a manner innumerable.

There is little leſs difference between the *Rud* and *Roach*, than there is between the *Herring* and *Pilchard*, their ſhape being much alike, onely differing in bulk or bigneſs. Since the *Rud* is but a Baſtard-*Roach*, I ſhall ſpeak no more of him, but diſcourſe of the genuine *Roach* onely.

Of

of the ROACH.

THe *Roach* is not looked on as any delicate Fiſh at all; if there be any thing prizable, it is his Spawn.

The *Roach* is a very ſilly fiſh, being every whit as ſimple as the *Carp* is cratty. They are more to be eſteemed which are found in Rivers than in Ponds, although thoſe that breed in the latter are of a much larger ſize; yet the *Thames* below Bridge abounds with very large fat *Roach*, ſuch as I may confidently affirm exceed in magnitude all others either in Ponds or Rivers.

The *Roach* is a Leather-mouth'd-fiſh, having his Teeth (as I ſaid before) in his Throat, as all Leather-mouth'd Fiſh have.

In *April* the Cads or Worms are proper Baits to angle for *Roaches*; in Summer fiſh for them with ſmall white Snails or Flies: but note, they muſt be under water, for he will not bite at the top. Or, take a *May*-fly, and with a Plumb ſink it where you imagine *Roaches* lie, whether in deep water, or neer the Poſts and Piles either of Bridge or Wear: having ſo done, do not haſtily, but gently pull your Fly up, and you will ſee the *Roach* (if any there) purſue and take it neer the rim of the water, leſt by flight it ſhould eſcape.

In Autumn you may fiſh for them with Paſte only made of the crums of fine White-bread, moulded with a little water and the labour of your hands into a tough Paſte, with which you muſt fiſh with much circumſpection, or you loſe your bait. In like manner in Winter you may angle for *Roach* with Paſte; but Gentles are then the better bait.

Take theſe next Obſervations experimentally tried by ſome of us, *viz.* There is another excellent bait either for Winter or Summer, and that is this: Take an handful of well-dried Malt, and put it into a Diſh of Water, and then having grubbed and waſhed it betwixt your hands till it be clean and free from Husks, put that water from it; and having put it into a little freſh water, ſet it over a gentle Fire, and let it boil till it be pretty ſoft; then pour the Water from it, and with a ſharp Knife, turning the ſprout-end of the Corn upward, take off the back-part of the Husk with the point of your Knife, leaving a kinde of inward Husk on the Corn, or elſe you ſpoil all: then cut off a little of the ſprout-end, that the white may appear, and alſo a very little of the other end for the Hook to enter. When you make uſe of this bait, caſt now and then a little of it into the water; and then, if your Hook be ſmall and good, you will finde it an excellent bait either for *Roach* or *Dace*.

Another good bait is the young brood of Waſps or Bees, if you dip their Heads in Blood. So is the thick blood of Sheep being half dried on a Trencher, and then cut into ſuch ſmall pieces as will beſt fit your Hook: a little Salt will keep it from turning black, and make it the better.

Or you may take an handful or two of the largeſt and beſt Wheat you can get, boil it in a little Milk till it be ſoft, then fry it gently with Honey and a little beaten Saffron diſſolved in Milk.

The *Roach* ſpawns about the middle of *May*; and the general baits by which he is caught are theſe: ſmall white Snails, Bobs, Cad-baits, Sheeps-bloud, all ſorts of Worms, Gnats, Waſps, Paſte, and Cherries.

The way of fiſhing for *Roach* at *London*-bridge is after this manner: In the Moneths of *June*, and *July*, there is great reſort of thoſe Fiſh to that place, where

where thoſe that make a trade of it take a ſtrong Cord, at the end whereof is faſtned a three-pound-weight; a foot above the Lead they faſten a Packthread of twelve foot long to the Cord, and unto the Packthread at convenient diſtances they adde a dozen ſtrong Links of Hair with *Roach*-hooks at them, baited with a white Snail or Perriwinkle; then holding the Cord in their Hands, the biting of the Fiſh draweth the Packthread, and the Packthread the Cord, which admoniſheth them what to do: whereby ſometimes they draw up half a dozen, ſometimes leſs, but commonly two or three at one draught.

Of the STICKLEBAG.

THis Fiſh is ſmall, prickly, and without Scales, and not worth the conſideration, but that he is an excellent bait for *Trouts*, eſpecially if his Tail on the Hook be turned round, at which a *Trout* will bite more eagerly than at *Penk*, *Roach*, or *Minnow*. The *Loach* is every whit as good a bait as the *Sticklebag*, provided you place either aright on the Hook. To the intent you may do it, take this obſervation: the nimble turning of the *Penk*, *Minnow*, *Loach*, or *Sticklebag*, is the perfection of that ſort of fiſhing. That you may attain thereunto, note, that you muſt put your Hook into the Mouth of any the aforeſaid Baits, and out at his Tail, tying him faſt with white Thread a little above it, in ſuch manner that he may turn: after this ſow up his Mouth, and your deſigne is accompliſhed. This way of baiting is very tempting for large *Trouts*, and ſeldom fails the Angler's expectation. This fiſh in ſome places is called a *Banſtickle*.

Of the SALMON.

THe *Salmons* evermore breed in Rivers that are not brackiſh, yet diſcharge themſelves into the Sea, and ſpawn commonly in *Auguſt*, which become *Samlets* in the Spring following. The Melter and Spawner having both performed their natural duty, they then betake themſelves to the Sea. I have known that when they have been obſtructed in their paſſage, they have grown ſo impatient, that, clapping their Tails to their Mouths, with a ſudden ſpring they have leapt clear over Wear, or any other obſtacle which ſtood in their way: Some having leapt ſhort, have been taken by that means. If they are ſo obſtructed that they cannot finde their way to the Sea, they become ſick, lean, and pine away, and die in two years. If they ſpawn in the mean time, from thence proceeds a ſmall *Salmon* called a *Skegger*, which will never grow great. It is the Sea that makes them grow big; but it is the freſh Rivers that makes them grow fat; and ſo much the farther they are from the Sea up in the Rivers, the fatter they grow, and the better their food.

From a *Samlet* (which is but little bigger than a *Minnow*) he grows to be a *Salmon* in as ſhort time as a Goſlin will grow to be a Gooſe.

A *Salmon* biteth beſt at three of the clock in the Afternoon, in the Moneths of *May*, *June*, *July*, and *Auguſt*, if the water be clear, and ſome little breeze of Wind ſtirring, eſpecially if the Wind bloweth againſt the Stream, and neer the Sea.

Where note, that he hath not his conſtant reſidence, like a *Trout*, but removes often, coveting to be as neer the Spring-head as he may, ſwimming

generall-

generally in the deepeſt and broadeſt parts of the River neer the ground; and he is caught like a *Trout*, with Worm, Fly, or *Minnow*. The Garden-worm is an Excellent bait for the *Salmon*, if it be well ſcoured, and kept in Moſs about twenty daies, after which time thoſe Worms will be very clear, tough and lively.

There is a way of fiſhing for *Salmon* with a Ring of Wyre on the top of the Rod, through which the Line may run to what length is thought convenient, having a Wheel alſo neer the hand.

I have been told that there is no bait more attractive of and eagerly purſued by the *Salmon* and moſt other fiſh, than Lob-worms ſented with the Oil of Ivy-berries, or the Oil of Polypodie of the Oak mixt with Turpentine; nay, *Aſſa Fœtida* they ſay is incomparably good.

The Artificial Fly is a good bait for a *Salmon*; but you muſt then uſe a Trowl as for the *Pike*, he being a ſtrong fiſh. As the *Salmon* is a large fiſh, ſo muſt your Flies be larger than for any other, with Wings and Tails very long.

You ſhall obſerve, when you ſtrike him, that he will plunge and bounce, but doth not uſually endeavour to run to the length of the Line, as the *Trout* will do; and therefore there is leſs danger of breaking your Line.

If you will angle for *Salmon* at ground, then take three or four Garden-worms well ſcoured, and put them on your Hook at once, and fiſh with them in the ſame manner as you do for *Trouts*.

Be ſure to give the *Salmon* (as well as all other fiſh) time to go gorge the bait, and be not over-haſty, unleſs your bait be ſo tender it will not endure nibbling at. Much more may be ſaid of *Salmon*-fiſhing, which I ſhall paſs by, leaving the reſt to your own practice and obſervation.

Of

Of the TENCH.

I Shall now diſcover an approved way how to take *Tench* and *Carp* in a muddy Pond: but know, I do not make publick this following Secret, to teach Knaves how to rob Gentlemens Ponds, but that the proper Owners may be able upon caſes of neceſſity to ſupply themſelves with Fiſh, without being put to ſo much trouble and charge as to ſue their Ponds. But to the purpoſe. In the firſt place you muſt provide your ſelf with a very good large Caſting-net, well leaded; let not the Meſhes from the Crown to a full yard and a half be too ſmall; for then if the Pond be any thing of a depth, the fiſh will ſtrike away before the Net comes to ground: the whole Net ought to have a very large Meſh, well leaded, and deep tucked.

The ſecond thing to be done is, to make the place clean from Stakes and Buſhes, and try with the Net before you intend for the ſport: if your Net happen to hang, then all your pains will prove ineffectual; therefore you muſt be ſure before you caſt in your Net that you clear and cleanſe the place very well twice or thrice with a Rake. Then take a quarter of a peck of Wheat, baking it well in an Oven, putting in near three quarts of Water; when it is well baked, take five pints of Blood, and incorporate the Wheat and Blood together, adding thereto as much Bran as is ſufficient to make a Paſte thereof: and that it may the better hold together, put ſome Clay to it; after this, knead it well together with a quart of Lob-worms chopt in pieces, and worked into a Paſte as aforeſaid: then roll it into balls as big as a Gooſe-egg, and throw it into the Pond within the circumference of your Caſting-

Caſting-net; and between whiles throw in ſome Grains; and when you think the fiſh have found out the Bainting-place, then come in the cloſe of the Evening (having baited very early in the Morning) and caſt your Net over the baited-place: then take a long pole with a large Fork made for the purpoſe, and ſtir all about the Net; for the *Carps* and *Tench* are ſtruck up beyond their Eyes in Mud, and ſtand exactly upon their Heads: let the Net lie neer an half hour, ſtill ſtirring with your Pole, if the place be not too deep: when you have covered the Fiſh, you may go into the Pond, and take them out with your hands; but if the water be deep, when you finde the *Carps* begin to ſtir, (for they cannot ſtand long on their heads in the Mud) then lift up the Crown of your Net bolt upright with a long Staff, that ſo the fiſh may play into the Tuck of the Net.

Here note, that ſhould you draw up your Net ſuddenly after you have caſt it in, it is an hundred pound to a penny whether you ſhould take one *Carp* or *Tench*; but letting the Net lie, the Mud will choak them if they remove not out of it.

Now here I cannot omit a very pleaſant ſtory in my opinion: A Gentleman having eſpecial *Carps* in his pond, but not knowing how to take one of them, unleſs it were by chance with Hook and Line; I deſired him that we might taſte of his *Carps*, and modeſtly told him, a brace of them would ſerve our turns: He anſwered me, I might freely have them, if I knew how to catch them. Hereupon I prepared ſome ingredients, and having baited a convenient place very early in the Morning, at the dusk of the Evening we came with a Caſting-net, and at the firſt throw covered a great quantity of fiſh, as hereafter will appear; but not one ſeem'd to ſtir a jot under the Net, being all ſtruck into the Mud. Hereupon the Gentleman

fell

fell a laughing heartily, ſaying, *Sir, If I had no other proviſion to eat but what fiſh you ſhall catch this night, I believe I ſhall go ſupperleſs to Bed.* Hearing him ſay ſo, I deſired that he would have a little patience, for the fiſh were aſleep, and I was as yet loath to diſturb them; but half an hour hence, if he would ſtay ſo long, I ſhould make bold to awake them with a witneſs: So the Gentleman having ſmoaked a pipe of Tobacco, a *Carp* began to play in the Net; and after this in a very little time a great many more began to dance and skip: whereupon I lifted up the Crown, that they might play in the Tuck; and when I thought they were all got out of the Mud I began to draw, and at one draught drew up in the Net ſeventy odde *Carps*, great and ſmall, to the admiration and great ſatisfaction of the Owner and the reſt of the company, having in all their life-time not ſeen the like before.

The *Tench* hath but ſmall Scales, (and they ſmooth) yet very large Fins, with a red Circle about his Eyes, and a little Barb hanging at each corner of his Mouth.

The Slime of a *Tench* is very medicinal to wounded Fiſhes; and therefore he is commonly called the *Fiſhes Phyſician.*

The *Pike* is ſo ſenſible of his vertue, that he will not injure the *Tench*, though he will ſeize on any other fiſh of his ſize that comes in his way: And when the *Pike* is ſick or hurt, he applies himſelf to the *Tench*, and findes cure by rubbing himſelf againſt him.

The *Tench* hath a greater love for Ponds than clear Rivers, and delights himſelf amongſt Weeds, and loves to feed in very foul Water; and yet his food is nouriſhing and pleaſant.

The time of Angling for him is early and late, both morning and eveing, in the moneths of *June*, *July* and *Auguſt*; or all night in the ſtill parts of the River.

He

He is a great lover of large red Worms, and will bite moſt eagerly at them, if you firſt dip them in Tar. The *Tench* loves alſo all ſorts of Paſte made up with ſtrong-ſented Oils, or with Tar, or a Paſte made of brown Bread and Honey. He will bite alſo at a Cad-worm, a Lob-worm, a Flag-worm, green Gentle, Cad-bait, Marſh-worm, or ſoft boil'd Bread-grain.

Of the TORCOTH.

THe *Torcoth* is a fiſh having a red Belly, but of what eſtimation I know not; for that, let the Welſhmen ſpeak, who beſt know him: for as I have heard he is only to be found in the pool *Lin-peris* in *Carnarvan-ſhire*. I only name him, that you may know there is ſuch a fiſh.

Of the TROUT.

IT is obſerved that the *Trout* comes in and goes out of ſeaſon with the Stag and Buck, and ſpawns about *October* or *November*: which is the more to be wondred at, becauſe moſt other fiſh ſpawn in warm weather, when the Sun by his heat hath adapted the Earth and Water, making them fit for generation.

All the Winter the *Trout* is Sick, Lean and unwholſome, and you ſhall frequently then finde him Louzy. Theſe Trout-lice are a ſmall Worm with a big Head ſticking cloſe to his ſides, and ſucking moiſture from him that gave them being: and he is not freed from them till the Spring or the beginning of Summer, at which time his ſtrength increaſeth; and then he deſerteth the ſtill deep waters, and betakes him-

himſelf to gravelly ground, againſt which he never leaves rubbing till he hath cleanſed himſelf of his Louzineſs; and then he delights to be in the ſharp Streams, and ſuch as are ſwift, where he will lie in wait for *Minnows* and *May-flies*; at the latter end of which Moneth he is in his prime, being better and fatter in that Moneth, eſpecially at the latter end thereof, than in any other throughout the whole year.

There are ſeveral ſorts of *Trouts* highly prizable; as the *Fordidge-Trout*, the *Amerly-Trout*, a *Bull-Trout* in *Northumberland*, with many more which I ſhall forbear to mention, but onely tell you what is generally obſerved; and that is, that the red and yellow *Trouts* are the beſt; and as to the ſex, the Female is the beſt, having a leſs Head and a deeper Body than the Male. By their Hog-back you ſhall know that they are in ſeaſon, with the like note for all other fiſh.

The *Trout* is uſually caught with a Worm, *Minnow*, or Fly natural or artificial. There are ſeveral ſorts of Worms which are Baits for the Angler; the Earth-worm, the Dug-worm, the Maggot or Gentle; but for the *Trout*, the Lob-worm and Brandling are the beſt, or Squirrel-tail, having a red Head, ſtreakt down the Back, and a broad Tail. The Brandling is found commonly in an old Dung-hill, Cow-dung, Hogs-dung, or Tanners-bark. Here note, that whatever Worms you fiſh withal are the better for keeping; which muſt be in an Earthen pot with Moſs, which you muſt change often in Summer, that is, once in three or four daies, and in twice as long time in Winter.

When you fiſh for a *Trout* by hand on the ground, take a Lob-worm and clap your Hook into him a little above the middle, and out again a little below the ſame; then draw your Worm above the arming of your Hook, making your firſt entrance at the Tail-end, that

that the point of the Hook may come out at the Head-end.

When you fiſh with a *Minnow*, take the whiteſt and middle-ſized, for thoſe are the beſt, and place him ſo on your Hook, that he may turn round when he is drawn againſt the Stream.

The beſt Inſtructions (for putting the *Minnow* on the Hook) which I can lay down are theſe: Put your Hook in at his Mouth and out at his Gill, drawing it through about three Inches; then put the Hook again into his Mouth, and let the point and beard come out at his Tail; then the Hook and his Tail you muſt tie about with a fine white Thread, and let the body of the *Minnow* be almoſt ſtraight on the Hook: then try againſt the Stream whether it will turn; where note, it cannot turn too faſt. If you want a *Minnow*, a ſmall *Loach* or *Sticklebag* will ſerve the turn: if none of theſe can be gotten, you may in their ſeaſon have an Artificial one made of Cloath by one that is living, which I have found to be every whit as good a Bait as what are natural.

If you fiſh with a Natural or Artificial Fly, then follow ſuch directions as I have already preſcribed in a foregoing Chapter, which particularly diſcourſes of Flies Natural and Artificial.

Of the UMBER.

IT is the opinion of ſome, that the *Umber* and *Grailing* differ onely in Names, and are of a *Trout*-kind, but ſeldom grow to the bigneſs of a *Trout*, I having never ſeen nor heard any exceed the length of eighteen Inches.

He frequents ſuch Rivers as the *Trouts* do, and is taken with the ſame Baits, eſpecially the Fly; and,

and, being a simple Fish, is more bold than the *Trout* is.

In the Winter he absconds himself, but after *April* he appears abroad, and is very gamesome and pleasant. He is very tender-mouth'd, and therefore quickly lost after he is struck. For what more may be said, I refer you to the Chapter of the *Grailing*.

THus have I given you an Alphabetical and summary account of the Nature of Fish, and the several ways to take them, according to ancient and modern experience: I shall onely give you more a short discovery of their Haunts; and so I shall conclude this Treatise.

Next to the Art of taking Fish, the knowledge of their Haunts and proper places to finde them in according to their kinds is rightly to be considered: for not knowing what Rivers or what parts of them are fittest for your Baits, or what Baits best sute with each River and the fish therein contained, you onely angle at adventure, and, instead of reaping satisfaction, you onely lose your pains and your labour.

Wherefore in the first place you are to understand, that fishes change places with the season. Some in the Summer keep always neer the top or rim of the Water; others are continually at the bottom. For the first, you may angle with a Float, or Fly; the latter are to be found at the Arches of Bridges, Mill-ponds, Wears, Floud-gates, *&c.* In Winter all fish in general fly into deep Waters.

The *Barbel*, *Roach*, *Dace*, and *Ruff* delight in sandy gravelly ground. The deepest part of the River and the Shadows of Trees are equally grateful.

The *Bream*, *Pike*, and *Chub* choose a Clay and Ouzie ground. The *Bream* delights most in the midst of a River

River whoſe Stream is not too rapid, but gently gliding: the *Pike* is for ſtill Waters full of Fry; and that he may the better and ſecurer ſeize his Prey, he frequently abſconds himſelf amongſt Water-docks, under Buſhes or Bull-ruſhes.

Carp, *Tench*, and *Eel* frequent ſtill Waters, and what are foul and muddy. *Eels* lie lurking under Roots or Stones: The *Carp* is for the deepeſt place of the Water; and where there are green Weeds the *Carp* and *Tench* delight moſt of all.

Pearch delight in gentle Streams not too deep, yet they muſt not be ſhallow; and a hollow Bank is their chiefeſt refuge.

Gudgeons love ſandy ground in gentle Streams, they affect ſmall Rivers above the large, or ſmall Brooks, and bite beſt in the Spring till they ſpawn.

The *Salmon* delights moſt in Rivers which ebb and flow, are large, and have a ſwift current; in ſuch Rivers are the greateſt plenty. If the Rivers are rocky or weedy, ſo much the better.

Shad, *Thwait*, *Plaice*, and *Flounder* have the greateſt love for ſalt or brackiſh Waters which ebb and flow.

The *Umber* affects Marly Clay grounds, clear and ſwift Streams; but they muſt then be far from the Sea, for they ſeldom come near it.

There are many more Rules to be obſerved, which generally hold good, but I will not conclude them infallible, ſince I have found ſome of them (well credited) very falſe; wherefore let every man's experience be his guide in the knowledge of the nature of Rivers, and the Fiſh their Inhabitants. And therefore it will be very requiſite for him that would be compleat in the Art of Angling, diligently to obſerve whatever River or water he fiſheth in, whether it be

muddy, ſlimy, ſtony, gravelly, ſwift, or of a ſlow motion. And as he muſt have a competent knowledge in Rivers, Ponds, or all fiſhable waters he is acquainted with; ſo muſt he know the nature of each Fiſh, and what Baits are moſt proper for every kinde, or he ſhall never attain to the reputation of a good experienced ANGLER.

I ſhall conclude this Treatiſe with the experimental obſervations of an ingenious Gentleman, who hath practiced the Art of Fiſhing many years, and therefore the more fit to give Directions for the right uſe of the Angle.

Experi-

Experimental Obſervations and uſeful Directions for the right uſe of the Angle; and is a true and brief Epitome of the whole Art and Myſtery of the Fiſhing Recreation.

NOne certainly is ſo ignorant to addreſs himſelf to the River for Recreation, but he will be mindeful to carry neceſſary Tackle with him: being compleatly furniſhed therewith, let him in the firſt place conſult Sun, Wind, Moon, Stars, and change of Air; for without obſerving Times and Seaſons, his Tackle, though never ſo good, will prove ineffectual.

Wherefore obſerve, if the Sun be obſcured with Clouds, and his Face hidden from your Eyes, then ſet forth your Ground-baits, and uſe your brighteſt Flies. If the Sun ſhine out gloriouſly, then uſe the darkeſt of your Flies. Here note,

If that the Wind be in the South,
It blows the Fly in the Trout's *Mouth.*

If the weather be warm, it is no matter in what point of the Compaſs the Wind lieth, ſo that it blow

not too high; the ſame obſervation holds good at Night as well as Day. If the Sun ſhine bright, the Moon prove clear, or the Stars glitter, there is but little ſport to be expected.

Gentlemen, I write to you that have more than common experience in the Art of Angling, and therefore I hope you will not expect that I ſhould here inform you how to proſecute the little recreation of the *Thames*, how to catch *Bleak*, *Dace*, &c. ſince there is hardly any young beginner that is ignorant thereof: Wherefore, omitting ſuch trifling diſcourſe, I ſhall fall upon that which is ſomewhat more material, and firſt, how to take *Eels*. When the Angler ſtays a night or two, let him take five or ſix Lines, (or what number he thinks fit) each of them about ſixteen yards long, and at every two yards long make a Nooſe to hang an Hook armed either to double Thread, or Silk-twiſt, for it is better than Wyre. His Hooks muſt be baited with *Millers-thumbs*, *Loaches*, *Minnows*, or *Gudgeons*: to every Nooſe there muſt be a Line baited, and all the Lines muſt lie croſs the River in the deepeſt place, either with Stones, or pegged lying in the bottom. He muſt bait his Hooks with a ſmall Needle, and muſt make two Flies; the Palmer rubbed with Silver or Gold, and the *May-fly*, both which are the ground of all Flies.

In the making of the Palmer-Fly he muſt arm his Line on the inſide of the Hook; then with a pair of Sizers let him cut ſo much of the brown of a Mallard's Feathers as he ſhall think ſufficient to make the Wings; then let him lay the outermoſt part of the Feather next the Hook, and the point of the Feather towards the Shank of the Hook; let him whip it three or four times about the Hook with the ſame Silk he armed the Hook; then make his Silk faſt: Then let him take the Hackle of the Neck

Neck of a Cock or Capon, (but a Plovers Top is beſt) and let him take off the one ſide of the Feather; then he muſt take the Hackle-ſilk, or Gold or Silver-Thread; and let him make all theſe faſt at the bent of the Hook, working them up to the Wings; every bout ſhifting his Fingers, and making a ſtop, then the Gold will fall right, and let him make it faſt: Then work up the Hackle to the ſame place, and make it faſt: after this let him take the Hook betwixt his Finger and Thumb in the left hand with Needle or Pin, and part the Wings in twain; then with the Arming-ſilk (having faſtned all hitherto) let him whip it about as it falleth croſs between the Wings, and with his Thumb he muſt turn the point of the Feather towards the bent of the Hook: then let him work it three or four times about the Shank, ſo faſten it, and view the proportion for other Flies.

If he make the grounds of Hogs-wooll, ſandy, black, or white, or Bears-wooll, or of a red Bullock two years old, he muſt work theſe grounds on a waxed Silk, and muſt arm and ſet on the Wings as aforeſaid.

The body of the *May-fly* muſt be wrought with ſome of theſe grounds, which will do admirably well, when ribbed with black Hair. The *Oak-fly* he muſt make with Orange-Tawny and Black, for the body, and the brown of the *Mallard*'s Feather for the Wings.

He that will take a *Pearch* muſt firſt take notice that this fiſh feeds well, and bites freely. Let the Angler over-night bait his ground with Lobworms chopt in pieces; and in the morning let him come to the place, where he muſt firſt plumb his ground, then gage his Line and bait his hook with a red knotted worm, or a *Minnow*, which is better in my opinion: the hook muſt be put in at the back of the *Minnow* betwixt the fiſh and

the skin, that the *Minnow* may ſwim up and down alive, being buoyed up with a Cork or Quill, that the *Minnow* may have liberty to ſwim a foot off the ground. Let theſe directions be carefully obſerved and followed, and the Angler need not fear the fruſtration of his expectations.

The next thing to be conſidered, is the Floating for Scale-fiſh in Pond or River: Firſt, take notice that the Feed brings the fiſh together, as the Sheep to the Pen; and there is no better in all Angling for Feed, than Bloud and Grains; though Paſte is good, yet inferiour to theſe.

Next, let him obſerve to plumb his ground, Angling with fine Tackles, as ſingle hair for half the Line next the Hook, round and ſmall plumb'd according to his Float. There is a ſmall red worm with a yellow tip on his Tail, which is an excellent bait for this ſort of fiſh or any other. Other ſpecial baits are theſe: Brandlings, Gentles, Paſte or Cadice (otherwiſe called Cock-bait.) They lie in a gravelly husk under the ſtones in the River.

There is a way of Trowling for *Pike* with an Hazle-rod of twelve foot long, with a Ring of wyre on the top of the Rod for the Line to run thorough: within two foot of the bottom of the Rod there is a hole made to put in a Winde to turn with a Barrel, to gather up the Line and looſe it at pleaſure: This is the beſt manner of Trowling.

There is another way to take more *Pikes* either in Mere, Pond, or River, than any Trowler with his Rod can do; which is done after this manner:

Take a forked ſtick with a Line of twelve yards long wound upon it; at the upper end leave about a yard, either to tie a bunch of Sags or a Bladder to buoy up the fiſh, and to carry it from the ground. The Bait muſt be a live fiſh, either *Dace*, *Gudgeon*, *Roach*, or ſmall *Trout*: The forked ſtick muſt have a ſlit in

the

the one ſide of the Fork to put in the Line, that he may ſet his live fiſh to ſwim at a gage, that when a *Pike* taketh the Bait, he may have the full liberty of the Line for his feed. He may turn theſe looſe either in Pond or River: in the Pond with the Wind all day long, the more the better: At night let him ſet ſome ſmall weight that may ſtay the Buoy till the fiſh taketh it.

For the River he muſt turn all looſe with the Stream; the Hooks muſt be double, the Shanks muſt be ſomewhat ſhorter than ordinary; for the ſhorter the Hook is off the Shank, without doubt it will leſs hurt the fiſh: and it muſt be armed with ſmall Wyre well ſoftned; but certainly a Hook armed with twiſted Silk is better.

If you arm your Hook with Wyre, the Needle muſt be made with an eye; then muſt he take one of thoſe living baits, and with one of his Needles enter within a Straws breadth of the Gill of the fiſh, ſo pull the Needle betwixt the Skin and the Fiſh; then pull the Needle out at the hindmoſt Fin, and draw the Arming thorough the fiſh, until the Hook come to lie cloſe to the Fiſh's Body: having ſo done, let him put off in Mere or Pond with the Wind; in the River with the Stream: The more that he pulls off in Mere or Pond, he is the likelier to have the greater paſtime.

There is a time when *Pikes* go a Frogging in Ditches, and in the River to Sun them, as in *May*, *June*, and *July*; at theſe times you ſhall hardly miſs one in twenty; and thus muſt the Angler deal with them. Let him take a Line of ſeven or eight foot, and let him arm a large Hook of the largeſt ſize that is made, and arm it to his Line; let him lead the ſhank of his Hook neatly, of ſuch a weight that he may guide the Hook at his pleaſure. He may ſtrike the *Pike* that he ſees with the bare Hook where he pleaſes. This Line and Hook doth far exceed Snaring.

In the taking of a *Carp* either in Pond or River, if the Angler intends to adde profit to his pleaſure, he muſt take a peck of Ale-Grains and a good quantity of any Blood, and mix the Grains together, with which let him bait the Ground wherein he intends to Angle. This ſeed will wonderfully attract the Scale-fiſh, as *Carp*, *Tench*, *Roach*, *Dace*, and *Bream*. In the Morning early let him proſecute his paſtime, plumming his ground, and Angling for a *Carp* with a ſtrong Line: the Bait muſt be either Paſte, or a knotted red Worm; by this means he ſhall finde ſport enough.

In the taking of a *Trout* with Ground-baits thus muſt the Angler do: In the firſt place he muſt have a neat taper Rod, light before, with a tender Hazle top. He may angle with a ſingle hair of five lengths, one tied to the other for the bottom of the Line, and a Line of three hair'd links for the upper part; and ſo if he have room enough he may take the largeſt *Trout* that ſwims. He that angles with a Line made of three hair'd links at the bottom, and more at the top, may take *Trouts*; but he that angles with one Hair, ſhall take five *Trouts* to the other's one: For this Fiſh is very quick-ſighted; therefore the Angler both Day and Night muſt keep out of ſight. He muſt angle with the point of his Rod down the Stream.

He muſt begin to angle in *March* with the Ground-baits all day long: but if it prove clear and bright, he muſt take the Morning and Evening, or elſe his labour will be in vain.

He that angles with Ground-baits, muſt ſet his Tackles to his Rod, and begin at the upper end of the Stream, carrying his Line with an upright hand, feeling the Plummet running on the ground ſome ten Inches from the Hook, plumming his Line according to the ſwift-

ſwiftneſs of the Stream that he angles in; for one Plummet will not ſerve for all ſtreams.

For his Bait let him take the red knotted Worm, which is very good where Brandlings are not to be had. The *Minnow* (or as ſome call it a *Penk*) is a ſingular Bait for a *Trout*; for he will come as boldly at it as a Maſtiff-dog at a Bear. It will be advantageous to him in his angling to uſe a Line made of three Silks and three Hairs twiſted for the uppermoſt part of the Line, and two Silks and two Hairs twiſted for the bottom next the Hook, with a Swivel nigh to the middle of his Line, with an indifferent large hook. Let him bait his hook with a *Minnow*, putting the hook through the lowermoſt part of his mouth, ſo draw the Hook through; then put the hook in at the mouth again, and let the point of the hook come out at the hindmoſt Fin; then let him draw his Line, and the *Minnows* mouth will cloſe, that no Water will get into his Belly. As I ſaid before, he muſt angle with the point of his Rod down the Stream, drawing the *Minnow* up the Stream by little and little nigh the top of the Water: the *Trout* ſeeing the bait will come moſt fiercely at it; but the Angler muſt not then preſently ſtrike: this is a true way without Lead; for many times they will come to the Lead, and forſake the *Minnow*.

The next direction is how to angle with a Flie. In the firſt place let the Angler fit himſelf with a Hazle of one piece or two ſet conveniently together, light and pliable. The lower part of his Line next the Fly muſt be of three or four hair'd Links; but if he can attain (as aforeſaid) to angle with a ſingle Hair, he ſhall meet with more profit and pleaſure.

Before he begin to angle, having the wind on his back, let him trie how far he can caſt his Line, or at what length his Fly, and let him be careful that

that the Fly fall firſt on the Water; for if any of the Line light upon the Water, he had better to have ſtood ſtill than to have thrown at all. He muſt always caſt down the Stream, with the Wind behinde and the Sun before him; it is a great advantage to have either Sun or Moon before him.

March is the moneth for him to begin to angle with the Flie; but if the Weather prove windy or cloudy, there are ſeveral ſorts of Palmers that are good at that time: The firſt is a black Palmer ribbed with Silver: The ſecond a black Palmer with an Orange-tawny Body: Thirdly, a Palmer whoſe body is all black: Laſtly, there is a red Palmer ribbed with Gold, and a red Huckle mixed with Orange Cruel. Theſe Flies ſerve all the year long Morning and Evening, whether Windy or Cloudy Weather. But if the Air prove ſerene, he may then imitate the Hawthorn-fly, which is all black and very ſmall, and the ſmaller the better.

In *May* let him take the *May*-fly and imitate that, which is made ſeveral ways: Some make them with a ſhammy Body, 'tis beſt with black Hair: Others make them with ſandy Hogs-wooll, ribbed with black Silk, and winged with a *Mallards* Feather ſeveral ways, according to the humour of the Angler. Another called the *Oak-fly*, is made of Orange-coloured Cruel, and black, with a brown Wing. Laſtly, there is another Fly, the Body whereof is made of the ſtrain of a Peacock's Feather, which is very good in a bright day. Theſe ſeveral ſorts of Flies will ſerve the whole year, obſerving the times and ſeaſons.

Here note, that the lighteſt Flies are for cloudy and dark Weather, the darkeſt for bright and light, and the reſt for indifferent ſeaſons, for which his own Judgement, Diſcretion, and Experience muſt guide him.

Of

Of late days the Hogs-wooll of ſeveral colours, the Wooll of a red Heifer and Bears-wooll are made uſe of, which make good grounds, and excellent paſtime.

The *Natural-fly* is a ſure way of Angling to augment the Anglers Recreation. Now how to find them take notice that the *May-fly* is to be found playing at the River-ſide, eſpecially againſt the Rain.

The *Oak-fly* is to be found on the But of an Oak, or an Aſh, from the beginning of *May* to the end of *Auguſt*: It is a browniſh Flie, and ſtands always with his head towards the Root of the Tree, very eaſie to be found.

The *Black-fly* is to be found on every Hawthorn-buſh, after the Buds are come forth.

Now with theſe Flies he muſt uſe ſuch a Rod as to angle with the Ground-bait: the Line muſt not be as long as the Rod.

Let the Angler withdraw his Flie as he ſhall finde it moſt convenient and advantageous in his Angling. When he comes to deep Water (whoſe motion is but ſlow) let him make his Line about two yards long, and dop his Fly behinde a Buſh, and he ſhall finde incomparable ſport.

The way to make the beſt Paſte, is to take a convenient quantity of freſh Butter, as much Sheeps-ſuet that is freſh, a ſufficient quantity of the ſtrongeſt Cheeſe can be gotten, with the pith of an old ſtale white Loaf: Let all theſe be beaten in a Mortar till they come to a perfect Paſte; and when the Angler intends to ſpend ſome time in Angling, let him put hereof the quantity of a green Pea upon his Hook, and let him obſerve what pleaſant effects it will produce.

An

An Angling SONG.

COme lay by your cares, and hang up all ſorrow,
Let's Angle to day, and ne're think of to morrow;
And by the Brook-ſide as we Angle along,
Wee'l cheer up our ſelves with our ſport and a Song.

Sometimes on the Graſs our ſelves we will lay,
And ſee how the watery Citizens play;
Sometimes with a Fly ſtand under a Tree,
And chuſe out what Fiſh our Captives ſhall be.

Thus void of all care we're more happy than they
That ſit upon Thrones and Kingdoms do ſway;
For Scepters and Crowns diſquiet ſtill bring,
But the Man that's content is more bleſt than a King.

An

An Abſtract of ſuch penal STATUTES As relate to FISHING.

13. EDw. 1. cap. 47. No Salmons ſhall be taken from the Nativity of our Lady unto St. Martin's day. Young Salmons may not be deſtroy'd nor taken by Nets nor other Engines, at Mill-pools from the midſt of April until St. John Baptiſt. The Penalties you may ſee in the ſaid Statute at large.

I. Eliz. cap. 17. None ſhall take and kill any young Brood, Spawn, or Fry of Eels, Salmon, Pike, or any other Fiſh, in any Flood-gate, Pipe at the tail of a Mill, Wear, or in any Straights, Streams, Broks, Rivers freſh or ſalt. Nor take or kill any Salmons, or Trouts not being in ſeaſon, being Kipper Salmons, or Kipper Trouts, Shedder Salmons, or Shedder Trouts.

II. None ſhall take and kill any Pike or Pickeril not being in length ten inches Fiſh, nor Salmon not being in length ſixteen inches Fiſh, nor Trout under eight inches, nor Barbel under twelve inches.

III. None ſhall take Fiſh with any manner of Trammel, &c. in any River or other places,

places, but onely with Net or Trammel, whereof every Mesh or Mask shall be two inches and ½ broad. Angling excepted.

IV. Nevertheless this Statute allows Smelts, Loaches, Minnows, Gudgeons, Eeles, &c. to be taken by Net, &c. in such places, and such ways as heretofore they have been.

V. The penalty for every offence is 20 s. and the Fish so taken, as also the Engine or device whatsoever whereby the offence was committed.

5 Eliz. cap. 21. None may by day or night break down, cut out, or destroy any Head or Dam of any Ponds, Pools, Motes, &c. where any Fish shall be put in or stored withal by the owners thereof. Nor shall Take, Kill, or Steal away any of the said Fish in the said Ponds, &c. against the will of the Owner.

22 & 23 Car. 2. cap. 25. It is not lawful for any person to use any Casting-net, Thief-net, Trammel, Shove-net, or other Net; nor to use any Angle, Hair, Noose, Spear, or Trowl: Nor to lay any Nets, Wears, Pots, Fish-hooks, or other Engines; Or to take any Fish by any other means or device whatsoever, in any River, Sew, Pond, Mote, or other Water; Nor be aiding or assisting thereunto, without the Licence or consent of the Lord or Owner of the said Water. And in case any person be convict of any of these Offences, by his own confession, or by Oath of one sufficient Witness, within

within one Moneth after the Offence be committed, before any Justice of the Peace of such County, Riding, Division, or Place, wherein such be committed; every such person in Taking, Stealing, or Killing Fish, shall for every such Offence give to the party or parties grieved or injured such recompence for his or their Damages, and within such time as the said Justice shall appoint, not exceeding treble Damages: And over and above pay down presently unto the Overseers for the Poor where such Offence is committed, such sum of Money, not exceeding 10s. as the said Justice shall think meet. And in default of payment, as aforesaid, the same to be levied by distress and sale of the Offenders Goods, by Warrant under the Hand and Seal of such Justice before whom the Offender shall be convicted, rendring the overplus, if any be: And for want of Distress the Offender or Offenders shall be committed to the House of Correction, for such time as the Justice shall think fit, not exceeding one Moneth, unless the party offending shall enter into Bond with one competent Surety or Sureties to the party injured, not exceeding ten pounds, never to offend in like manner.

II. And every Justice of Peace, before whom such Offender shall be convict, may take, cut in pieces, and destroy all such Angles, Spears, Hairs, Nooles, Trowls, Wears, Pots, Fish-hooks, Nets, or other Engines whatsoever, wherewith such Offender as aforesaid shall be taken or apprehended.

III.

III. Nevertheless, any person aggrieved may appeal to the Justices of Peace in their next quarter Sessions; who may give relief, and make such Order therein as shall be agreable to the Tenor of this Act: whose Order therein shall be final, if no title of Land, Royalty, or Fishery be therein concerned.

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